

TRANS-NIH SLEEP RESEARCH – FISCAL YEAR 2002

NATIONAL INSTITUTE ON AGING

Grant No	PI	Title	Institution	Funding
5 R01AG18199	Abel, Edwin	Sleep Memory: A Molecular And Genetic Analysis	University Of Pennsylvania	\$237,750
5 R29AG13885	Alessi, Cathy	Environmental Interventions On Sleep In The Nursing Home	University Of California Los Angeles	\$95,760
3 R44AG15789	Alsten, Christopher	High Tech/Low Cost Home Treatment For Geriatric Insomnia	Inner Health, Inc.	\$45,550
5 R44AG15789	Alsten, Christopher	High Tech/Low Cost Home Treatment For Geriatric Insomnia	Inner Health, Inc.	\$180,956
3 R01AG08415	Ancoli-Israel, Sonia	Cognitive Benefits Of Treating Sleep Apnea In Dementia	University Of California San Diego	\$7,590
5 R01AG08415	Ancoli-Israel, Sonia	Cognitive Benefits Of Treating Sleep Apnea In Dementia	University Of California San Diego	\$257,203
5 R01AG18760	Behan, Mary	Age,Gender, Serotonin And Respiratory Control	University Of Wisconsin Madison	\$246,986
5 K01AG00810	Benloucif, Susan	Sleep/Wake Rhythms In Aging--Treatment With Nimodipine	Northwestern University	\$109,164
3 R01AG10643	Bliwise, Donald	Sundown Syndrome In A Skilled Nursing Facility	Emory University	\$53,951
5 K24 AG00972	Buysse, Daniel	Rational Pharmacotherapy Of Primary Insomnia	University Of Pittsburgh	\$101,009
5 R01AG16303	Carley, David	Neurobiology Of Sleep Apnea In Aging	University Of Illinois At Chicago	\$322,202
5 R01AG04307	Chase, Michael	Sleep Mechanisms In The Aged Cat	University Of California Los Angeles	\$418,449
5 R01AG19186	Cole, Philip	Serotonin N Acetyltransferase Mechanism And Inhibition	Johns Hopkins University	\$163,500
5 R01AG17431	Connell, Bettye	Environmental Interventions To Reduce Nh Noise At Night	Emory University	\$335,891
5 P01AG09975	Czeisler, Charles	Sleep, Aging And Circadian Rhythm Disorders	Brigham And Women's Hospital	\$1,211,342
5 R01AG06072	Duffy, Jeanne	Disrupted Sleep In The Elderly--Circadian Etiology	Brigham And Women's Hospital	\$466,345
2 R01AG13418	Duncan, Marilyn	Neural Mechanisms Resetting The Aged Circadian Pacemaker	University Of Kentucky	\$301,466
5 R01AG16362	Earley, Christopher	Determining The Genetics Of Restless Legs Syndrome	Johns Hopkins University	\$396,432
1 R01AG20287	Earley, Christopher	Response To Iron Treatment For Restless Leg Syndrome	Johns Hopkins University	\$523,747
2 P01AG14359	Gambetti, Pierluigi	Pathogenetic Mechanisms Of Prion Diseases	Case Western Reserve University	\$187,500
3 P01AG14359	Gambetti, Pierluigi	Pathogenetic Mechanisms Of Prion Diseases	Case Western Reserve University	\$75,000
1 R01AG19361	Gold, Ellen	Sleep During The Peri-Menopause In A Multi-Ethnic Cohort	University Of California Davis	\$212,553
5 K23AG01021	Gooneratne, Nalaka	Role Of Melatonin In Secondary Insomnia In The Elderly	University Of Pennsylvania	\$140,181
1 R01AG19362	Hall, Martica	Sleep During The Perimenopause In A Multi-Ethnic Cohort	University Of Pittsburgh	\$462,383
1 R01AG19363	Kravitz, Howard	Sleep During The Perimenopause In A Multi-Ethnic Cohort	Rush-Presbyterian-St Lukes Medical Ctr	\$190,205
5 R01AG12364	Kripke, Daniel	Illumination In Human Aging: Sleep And Mood Effects	University Of California San Diego	\$137,598
5 R01AG12364	Kripke, Daniel	Illumination In Human Aging: Sleep And Mood Effects	University Of California San Diego	\$313,000
5 R01AG15763	Kripke, Daniel	Verification Of Circadian Abnormalities In Aging	University Of California San Diego	\$454,605
1 R01AG21826	Lewy, Alfred	Melatonin Entrainment Of Elderly Blind Free-Runners	Oregon Health & Science University	\$298,492
5 R01AG14738	Lichstein, Kenneth	Treatment Of Hypnotic Dependence In Older Adults	University Of Memphis	\$288,193
5 R01AG15347	Manev, Hari	Aging And Neuronal 5 Lipoxygenase	University Of Illinois At Chicago	\$86,042

Grant No	PI	Title	Institution	Funding
1 R01AG20082	Moe, Karen	Progesterone And Sleep In Older Women	University Of Washington	\$284,373
5 R01AG13396	Monk, Timothy	Phase Shift Tolerance In Older People	University Of Pittsburgh	\$243,651
5 R01AG12112	Murphy, Patricia	Homeostatic Factors In Age Related Sleep Disturbance	Weill Medical College Of Cornell Univ	\$294,800
5 R01AG15370	Murphy, Patricia	Sex Hormones Sleep And Circadian Rhythmicity In Aging	Weill Medical College Of Cornell Univ	\$208,523
5 R01AG17430	Ouslander, Joseph	Transferring Behav Research Into Nursing Home Practice	Emory University	\$569,295
5 P01AG17628	Pack, Allan	The Mechanisms Of Alterations In Sleep With Age	University of Pennsylvania	\$878,685
3 T32AG00256	Pack, Allan	Md/Phd Program In Sleep And Chronobiology	University of Pennsylvania	\$335,641
5 R01AG17491	Rybarczyk, Bruce	Behavioral Treatment For Comorbid Geriatric Insomnia	Rush-Presbyterian-St Lukes Medical Ctr	\$334,796
5 R01AG15853	Shiromani, Priyattam	Homeostatic Regulation Of Sleep In Aging	Harvard University (Medical School)	\$212,270
1 R01AG19360	Sowers, Maryfran	Sleep During The Perimenopause In A Multi-Ethnic Cohort	University Of Michigan At Ann Arbor	\$215,578
5 P01AG18784	Spiegel, David	Stress, The Hpa And Health In Aging	Stanford University	\$426,817
5 R01AG18200	Turek, Fred	Stress Effects On Sleep: Influence Of Genes And Gender	Northwestern University	\$333,000
3 R01AG19914	Urbanski, Henryk	Effect Of Aging And Caloric Restriction On Circadian Ph*	Oregon Health & Science University	\$20,180
5 R01AG19914	Urbanski, Henryk	Effect Of Aging And Caloric Restriction On Circadian Ph*	Oregon Health & Science University	\$259,289
3 R37AG02224	Wise, Phyllis	Neuroendocrine And Neurochemical Function During Aging	University Of California Davis	\$37,116
7 R37AG02224	Wise, Phyllis	Neuroendocrine And Neurochemical Function During Aging	University Of California Davis	\$297,000
5 R01AG12914	Yesavage, Jerome	Treatments For Insomnia	Stanford University	\$477,311
2 R01AG14124	Young, Terry	Menopause And Midlife Aging Effects On Sleep Disorders	University Of Wisconsin Madison	\$375,595
1 R01AG17636	Zhdanova, Irina	Melatonin And Aging In Non-Human Primates	Boston University	\$475,478
NIA TOTAL				\$14,600,443

NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM

Grant No	PI	Title	Institution	Funding
5 K24AA00304	Brower, Kirk J.	Pharmacotherapy of Alcoholism and Comorbid Insomnia	University of Michigan	\$115,895
5 R01AA13252	Carskadon, Mary	Alcohol, Sleep, and Circadian Rhythms in Young Humans	Emma Pendleton Bradley Hospital	\$697,689
5 R21AA13251	Crum, Rosa	Sleep Disturbances and Risk for Alcohol Disorders	Johns Hopkins University	\$122,625
5 R01AA12504	Dahl, Ronald E.	Sleep/Arousal in Adolescence: Pathways to Alcohol	University of Pittsburgh	\$246,168
5 R21AA13241	De Lecea, Luis	The Hypocretins and Alcohol Dependence	Scripps Research Institute	\$185,200
5 R01AA13242	Earnest, David	Development, Alcohol and Circadian Clock Function	Texas A & M University	\$216,000
5 R01AA06059	Ehlers, Cindy L.	EEG, ERP, and Sleep Measures of Alcohol's Effects	Scripps Research Institute	\$324,100

Grant No	PI	Title	Institution	Funding
P 50AA06420	Ehlers, Cindy L.	Eletrophysiological Evaluation of Sleep/Waking in Recovering Alcoholics	Scripps Research Institute	\$177,608
5 R01AA13243	Friedmann, Peter	Trazadone for Sleep Disturbance -Early Alcohol Recovery	Rhode Island Hospital	\$493,291
1 R21AA13246	Godwin, Dwayne	Cellular Mechanisms of Ethanol's Influence on Sleep	Wake Forest University	\$144,084
2 R01AA12087	Howland, Jonathan	Hangover, Congeners, Sleep and Occupational Performance	Boston University	\$475,662
5 R01AA13239	Irwin, Michael	Alcoholism: Sleep and Cytokines in African Americans	University of California-Los Angeles	\$381,458
5 P50AA10761	Malcolm, Robert J	Gabapentin and Lorazepam in Outpatient Toxication	Medical University of South Carolina	\$155,538
5 R01AA13253	Roehrs, Timothy A	Insomnia as a Path to Alcohol Abuse	Case Western Reserve-Henry Ford Hosp.	\$313,268
1 R01AA13248	Simasko, Steven M	Mechanisms of Alcohol Effects on Sleep	Washington State University	\$293,300
NIAAA TOTAL				\$4,341,886

NATIONAL INSTITUTE OF ARTHRITIS & MUSCULOSKELETAL & SKIN DISEASES

Grant No	PI	Title	Institution	Funding
5R01AR35582-18	Cauley, Jane	Study of Osteoporotic Fractures	University of Pittsburgh	\$64,482
5R01AR35583-18	Hillier, Teresa	Study of Osteoporotic Fractures	Kaiser Foundation Research Institute	\$74,226
5R01AR35584-18	Hochberg, Marc	Study of Osteoporotic Fractures	University of Maryland	\$56,198
5R01AR46303-04	Okifuji, Akiko	Sex Hormones, Stress, and Pain in Fibromyalgia	University of Utah	\$33,845
R21AR48403-01A1	Postlethwaite, Arnold	Sleep Fragmentation Effects on Murine CII-Induced AR	University of Tennessee	\$71,500
NIAMS TOTAL				\$300,251

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

Grant No	PI	Title	Institution	Funding
2Y01 HD07042		Child Sleep Positions SIDS	U.S. Bureau Of The Census	\$125,000
5P30 HD26979	Arens, Raanan	MRI Of The Upper Airway Of Children With OSAS	Children's Hospital Of Philadelphia	\$24,387
5P30 HD03352	Berridge, Craig W	Neurobiology Of Orexin/Hypocretin-Induced Arousal	University Of Wisconsin Madison	\$29,987
1R01 NR08381	Carskadon, Mary A	Phase Preference, Sleepiness, And Adolescent Development	Emma Pendleton Bradley Hospital	\$100,000
5R01HD38461	Chervin, Ronald D	Behavioral Effect Of Obstructive Sleep Apnea In Children	University Of Michigan At Ann Arbor	\$200,000
3U10HD29067	Corwin, Michael J	Collaborative Home Infant Monitoring Evaluation (CHIME)	Boston University	\$89,230

Grant No	PI	Title	Institution	Funding
5 P01HD36379	Darnall, Robert A	Animal Physiology Core	Children's Hospital (Boston)	\$648,018
5R01HD18686	Davis, Frederick C	Development Of Mammalian Circadian Rhythms	Northeastern University	\$213,975
5R01HD32774	Fifer, William P	Perinatal Assessment Of At Risk Populations	New York State Psychiatric Institute	\$431,449
5P01HD36379	Filiano, James J	Comparative Chemical Anatomy Of The Ventral Medulla	Children's Hospital (Boston)	\$89,488
5R01HD22695	Harper, Ronald M	Physiological Development In SIDS	University Of California Los Angeles	\$236,898
5R01HD37315	Heller, Craig H	Development Of Sleep Homeostasis In The Developing Rat	Stanford University	\$308,545
5P30HD18655	Kinney, Hannah C	Brainstem Maturation In Sudden Infant Death Syndrome	Children's Hospital (Boston)	\$41,912
5P30HD18655	Kinney, Hannah C	Ventral Medulla And The Sudden Infant Death Syndrome	Children's Hospital (Boston)	\$41,912
5P01HD36379	Kinney, Hannah C	Protective Responses And Brainstem Analysis In SIDS	Children's Hospital (Boston)	\$69,431
5P01HD36379	Kinney, Hannah C	Anatomy Core	Children's Hospital (Boston)	\$344,066
5R37HD20991	Kinney, Hannah C	Brainstem Maturation In The Sudden Infant Death Syndrome	Children's Hospital (Boston)	\$284,400
1R01HD40291	Klerman, Elizabeth B	Impact Of Sleep Disruption On Menstrual Cycle Dynamics	Brigham And Women's Hospital	\$217,668
5 R01HD18478	Koos, Brian J	Hypoxia And Control Of Fetal Breathing Movements	University Of California Los Angeles	\$353,684
5R01HD36520	Krueger, James M	Mechanisms Of Sleep Responses To Viral Infections	Washington State University	\$326,250
5K24HD01476	Legro, Richard S	Insulin Resistance In Pcos--Sequelae And Treatment	Pennsylvania State Univ Hershey Med Ctr	\$135,027
5P01HD36379	Leiter, James C	The Ventral Medulla And Response To Afferent Stimulation	Children's Hospital (Boston)	\$131,146
1R01HD42125	Lewy, Alfred J	Melatonin Studies Of Totally Blind Children	Oregon Health & Science University	\$338,970
5P30HD24061	Marcus, Carole L	Pathophysiology Of Childhood Obstructive Sleep Apnea	Kennedy Krieger Research Institute, Inc.	\$68,004
1Z01HD09998	Mc Grath, John	Back To Sleep Campaign	NICHHD	\$705,447
5P01HD36379	Nattie, Eugene E	The Ventral Medulla Breathing & Central Chemoreception	Children's Hospital (Boston)	\$135,775
1K23HD41465	Pien, Grace W	Longitudinal Study--Sleep-Disordered Breathing/Pregnancy	University Of Pennsylvania	\$130,194
1F32HD42395	Row, Barry W	Stress & Memory Following Postnatal Intermittent Hypoxia	University Of Louisville	\$36,592
5P01HD13063	Sahni, Rakesh	Response To Nutrient And Oxygen Supply	Columbia University Health Sciences	\$225,839
1R03HD42479	Schuckers, Stephanie	Predicting Life-Threatening Events In Chime Infant Data	West Virginia University	\$73,000
7R03HD42479	Schuckers, Stephanie	Predicting Life-Threatening Events In Chime Infant Data	Clarkson University	\$78,500
5R01HD28931	Sica, Anthony	Monitoring A SIDS Model In Neonatal Swine	Suny Downstate Medical Center	\$330,702
5P01HD36379	St John, Walter M	Protective Ventilatory Responses To Hypoxia	Children's Hospital (Boston)	\$124,975
5R01HD38357	Super, Charles M	Socialization Of Infants' State, Attention, & Affect	University Of Connecticut Storrs	\$320,011
5 R01HD10993	Thach, Bradley T	Control Of Breathing In Recovery From Apnea	Washington University	\$333,272
			NICHHD TOTAL	\$7,343,754

NATIONAL INSTITUTE ON DRUG ABUSE

Grant No	PI	Title	Institution	Funding
1R01DA15648-01	Boger, Dale L	Inhibitors of Fatty Acid Amide Hydrolase (FAAH)	Scripps Research Institute	\$57,875
1F31DA15259-01	Bubar, Marcy J	Role of 5HT2cR in Behavioral Effects of Chronic MDMA	University Of Texas Medical Br Galveston	\$3,841
5F32DA14446-02	Burnette, James M	Circadian Gene Modulation Of Cocaine Responsiveness	University Of Virginia Charlottesville	\$38,320
5R01DA13264-02	Buydens-Branchey, Laure B	Effects Of Buspirone In Withdrawal From Opiates	Narrows Institute For Biomedical Res Inc	\$15,600
3R01DA13264-02S1	Buydens-Branchey, Laure B	Effects Of Buspirone In Withdrawal From Opiates Supplement	Narrows Institute For Biomedical Res Inc	\$3,417
5R01DA13173-02	Cravatt, Benjamin F	Structure/Function Studies Of Fatty Acid Amide Hydrolase	Scripps Research Institute	\$81,025
1R01DA15197-01	Cravatt, Benjamin F	Enzymes That Regulate Fatty Acid Amide Function In Vivo	Scripps Research Institute	\$77,075
5R21DA14188-02	Dugovic, Christine	Importance Of Sleep & Genotype In Drug Abuse Studies	Northwestern University	\$147,000
5R01DA08105-09	Foltin, Richard W	Laboratory Analysis Of Cocaine Abstinence	New York State Psychiatric Institute	\$102,648
2R01DA03889-19	Griffiths, Roland R	Experimental Analysis of Novel Drugs of Abuse	Johns Hopkins University	\$105,281
5R01DA12698-03	Haney, Margaret	Thc And Marijuana--Effects In Individuals With HIV/AIDS	New York State Psychiatric Institute	\$23,473
1F31DA15272-01	Herin, David V	Role of 5-HT2A Receptors in MDMA induced Behavior	University Of Texas Medical Br Galveston	\$3,841
5R01DA11744-04	Hobson, J A	Drug Abuse, Sleep And Cognition	Massachusetts Mental Health Institute	\$361,812
1R01DA16541-01	Irwin, Michael R	Cocaine Dependence: EEG Sleep and Cytokines	University Of California Los Angeles	\$381,250
1R01DA13574-01A2	Lichstein, Kenneth L	Treating Addiction to Sleep Medication	University Of Memphis	\$569,402
3R01DA12137-03S1	Liguori, Anthony	Sleep Deprivation And Alcohol Effects In Marijuana Users Supplement	Wake Forest University Health Sciences	\$7,560
6R01DA12137-04	Liguori, Anthony	Sleep Deprivation And Alcohol Effects In Marijuana Users	Wake Forest University Health Sciences	\$273,271
5R01DA03994-16	Lukas, Scott E	Polydrug Abuse-Imaging And Behavior	Mc Lean Hospital (Belmont, MA)	\$58,507
1T32DA15036-01	Lukas, Scott E	Training in Drug Abuse and Brain Imaging	Mc Lean Hospital (Belmont, MA)	\$19,162
2R01DA10886-04A2	Mcginnis, Marilyn Y	Anabolic Androgenic Steroid Effects on Brain & Behavior	Mount Sinai School Of Medicine Of NYU	\$17,925
5R01DA11927-05	Mignot, Emmanuel J	Sleep Homeostasis And Stimulant Drugs Of Abuse	Stanford University	\$129,387
2R01DA05938-09A1	Ricaurte, George A	MDMA Neurotoxicity in Humans: Occurrence & Consequences	Johns Hopkins University	\$142,348
5R01DA14030-02	Roberts, David C	A Novel Animal Model of Cocaine Addiction	Wake Forest University	\$54,047
5R01DA11448-05	Roehrs, Timothy A	Sleepiness And The Reinforcing Effect Of Methylphenidate	Case Western Reserve Univ-Henry Ford HSC	\$276,206
5R01DA14874-02	Tancer, Manuel E	Consequences of MDMA in Humans	Wayne State University	\$118,329
1R21DA15753-01	Yin, Jerry C	Circadian Influences in Drosophila Memory Formation	Cold Spring Harbor Laboratory	\$166,000
			NIDA TOTAL	\$3,234,601

NATIONAL HEART, LUNG AND BLOOD INSTITUTE

Grant No	PI	Title	Institution	Funding
5R01HL067209-02	Aloia, Mark S	Motivating Adherence To CPAP In Obstructive Sleep Apnea	Brown University	\$436,413
5R01HL062408-04	Arens, Raanan	MRI Of The Upper Airway Of Children With OSAS	Children'S Hospital Of Philadelphia	\$378,836
5K25HL004420-02	Ayappa, Indu A	Automated (Ai) Analysis Of Sleep Disordered Breathing	New York University School Of Medicine	\$147,690
5R01HL053443-09	Badr, M S	Central Sleep Apnea--Role Of Longterm Facilitation	Wayne State University	\$204,789
5K24HL004174-04	Badr, M. S	Sleep Apnea--Determinants And Consequences	Wayne State University	\$71,486
5R01HL067604-03	Benloucif, Susan J	Responsiveness Of The Aging Circadian Clock To Light	Northwestern University	\$220,500
5R01HL063772-02	Bixler, Edward O	Prevalence Of Sleep Disordered Breathing In Children	Pennsylvania State Univ Hershey Med Ctr	\$269,325
1R01HL071510-01	Block, Gene D	Sleeping Sickness/Cytokine Effects On Biological Clock	University Of Virginia Charlottesville	\$222,000
5K07HL003897-05	Boehlecke, Brian A	Sleep Medicine Education And Practice Improvement Plan	University Of North Carolina Chapel Hill	\$97,410
5R01HL065356-03	Carney, Robert M	Depression, Sleep Disorders And Coronary Heart Disease	Washington University	\$559,885
1R01HL068303-01A1	Chase, Michael H	Web-Based Sleep Research Protocols And Standards	Websciences International	\$370,125
5R01HD038461-04	Chervin, Ronald D	Behavioral Effect Of Obstructive Sleep Apnea In Children	University Of Michigan At Ann Arbor	\$140,286
5R01HL064582-04	Colwell, Christopher S	Regulation Of The Mammalian Circadian System	University Of California Los Angeles	\$164,230
5R01HL052992-07	Czeisler, Charles A	Bright Light Treatment Of Shift Rotation Insomnia	Brigham And Women'S Hospital	\$360,463
5T32HL007901-05	Czeisler, Charles A	Training In Sleep, Circadian & Respiratory Neurobiology	Brigham And Women'S Hospital	\$124,721
1R01HL072722-01	Decker, Michael J	Episodic Neonatal Hypoxia Impairs Sleep And Cognition	Emory University	\$350,724
5U01HL064243-04	Dement, William C	Determinants Of Compensatory Sleep Phenotype In Mice	Stanford University	\$277,531
1U01HL068060-01A1	Dement, William C	Apples: Apnea Positive Pressure Long-Term Efficacy Study	Stanford University	\$3,223,476
5R01HL062561-04	Dempsey, Jerome A	Causes Of Sleep-Induced Breathing Instabilities	University Of Wisconsin Madison	\$400,756
5R01HL063042-03	Dick, Thomas E	Control-Respiratory Modulation Of Sympathetic Activity	Case Western Reserve University	\$253,000
5R01HL044915-12	Dimsdale, Joel E	Sleep Apnea & Hypertension--Role Of Symp Nervous System	University Of California San Diego	\$584,750
2R01HL050775-09	Duckles, Sue	Vascular Reactivity: Gender And Hormonal Influence	University Of California Irvine	\$359,592
5R01HL066267-02	Durand, Dominique M	Activation Of Tongue Muscles In Obstructive Sleep Apnea	Case Western Reserve University	\$153,000
5R01HL064245-05	Fang, Jidong	'Sleep And Synaptic Plasticity'	Pennsylvania State Univ Hershey Med Ctr	\$346,275
5K23HL004400-03	Fogel, Robert B	Androgens & Sleep: Apnea Epidemiology & Pathophysiology	Brigham And Women'S Hospital	\$133,920
5R01HL025739-20	Forster, Hubert V	Control Of Breathing During Physiologic Conditions	Medical College Of Wisconsin	\$185,152
3R01HL070301-01S1	Foster, Gary D	Sleep Apnea In Look Ahead Participants	University Of Pennsylvania	\$13,916
5R01HL070301-02	Foster, Gary D	Sleep Apnea In Look Ahead Participants	University Of Pennsylvania	\$538,388
5R01HL056876-05	Fregosi, Ralph F	Neuromuscular Control Of The Pharyngeal Airway	University Of Arizona	\$202,592
5R01HL067007-07	Gillette, Martha U	Cellular Regulators Of Circadian Timing	University Of Illinois Urbana-Champaign	\$317,044
5R01HL062404-04	Glaze, Daniel G	Obstructive Sleep Apnea In Children	Baylor College Of Medicine	\$413,150

Grant No	PI	Title	Institution	Funding
5R01HL062371-04	Gottlieb, Daniel J	Neurobehavioral Consequences Of Sleep Apnea In Children	Boston University	\$413,704
5R01HL063912-03	Gozal, David A	REM Sleep Deprivation, Hypoxia, And Hippocampal Function	University Of Louisville	\$324,000
3R01HL065270-03S1	Gozal, David A	Neurocognitive Function In Snoring Children	University Of Louisville	\$141,255
5R01HL065270-04	Gozal, David A	Neurocognitive Function In Snoring Children	University Of Louisville	\$505,085
1R01HL069932-01	Gozal, David A	Postnatal Brain Susceptibility To Intermittent Hypoxia	University Of Louisville	\$357,500
5R01HL069706-03	Greco, Mary A	Regulation Of Chat Expression During Sleep-Wakefulness	Sri International	\$361,344
5K07HL003763-05	Guilleminault, Christian	Educational Program On Sleep And Chronobiology Medicine	Stanford University	\$104,613
1R01HL070919-01	Haddad, Gabriel G	Sleep Mechanisms In Children: Role Of Metabolism	Yeshiva University	\$417,500
5R01HL022418-23	Harper, Ronald M	Neural Control Of Cardiorespiratory Function	University Of California Los Angeles	\$229,188
9R44HL069672-02	Havey, Gary D	Video Polysomnograph For Home Sleep Tests Via Phone Line	Advanced Medical Electronics Corporation	\$340,100
5R01HL064148-04	Heller, H. C	Genetic Variation Influencing Sleep Regulation	Stanford University	\$355,671
5K23HL004190-04	Imadojemu, Virginia A	Neurocirculatory Responses In Obstructive Sleep Apnea	Pennsylvania State Univ Hershey Med Ctr	\$129,708
5R01HL059873-06	Jackson, Francis R	Studies Of A Neural Pacemaker Output Pathway	Tufts University Boston	\$344,925
2R44HL067734-02	Kayyali, Hani A	Novel Patient Interface Monitor For Psg/CPAP Titration	Biomec, Inc.	\$450,593
1R43HL070455-01	Krausman, David T	Apnea Detection System For Nicu Monitoring	Individual Monitoring Sys, Inc. (Im Sys)	\$148,851
5R44HL062077-03	Krausman, David T	Wrist- Worn Ambulatory Oximeter	Individual Monitoring Sys, Inc. (Im Sys)	\$441,119
5R01HL061280-04	Kripke, Daniel F	Phase Response Curves For Exercise And Bright Light	University Of California San Diego	\$582,326
5R01HL063342-03	Kryger, Meir H	Impact Of Sleep Disorders On Health	University Of Manitoba	\$88,428
5R01HL047600-10	Kubin, Leszek K	Premotor Control Of Upper Airway And REM Sleep Atonia	University Of Pennsylvania	\$277,375
1R01HL071097-01	Kubin, Leszek K	Hypothalamo-Brainstem Control Of Sleepness And Arousal	University Of Pennsylvania	\$396,250
1R13HL071048-01	Kubin, Leszek K	8th Sleep And Breathing Symposium	University Of Pennsylvania	\$14,515
5R01HL027520-18	Kuna, Samuel T	Respiratory Related Motor Output To Upper Airway Muscles	University Of Pennsylvania	\$356,625
5R01HL061272-05	Kuna, Samuel T	Pharyngeal Airway Function	University Of Pennsylvania	\$296,283
5R01HL064150-04	Leonard, Christopher S	K+-Channels Regulating REM-Related Cholinergic Neurons	New York Medical College	\$274,225
2R44HL066829-02	Levendowski, Daniel J	Validation Of In-Home Sleep Apnea Risk Evaluation System	Advanced Brain Monitoring, Inc.	\$838,890
1R44HL070484-01	Levendowski, Daniel J	Biobehavioral Measurements Of Alertness In Sleep Apnea	Advanced Brain Monitoring, Inc.	\$139,428
5R01HL066195-03	Levy, Andrew P	Hypoxia Inducible Vegf Production In Sleep Apnea	Technion-Israel Institute Of Technology	\$125,000
5K23HL004056-04	Loredo, Jose S	Chemoreceptors And Hypertension And Sleep Apnea	University Of California San Diego	\$133,066
5R01HL040881-14	Lydic, Ralph B	Cholinergic Mechanisms Of Breathing During Sleep	University Of Michigan At Ann Arbor	\$293,158
5R01HL057120-07	Lydic, Ralph B	Opioid Induced REM Sleep Inhibition	University Of Michigan At Ann Arbor	\$357,653
5R01HL065272-04	Lydic, Ralph B	Cholinergic Phenotype In Murine Models Of Sleep	University Of Michigan At Ann Arbor	\$226,500
2R01HL058585-05A1	Marcus, Carole L	Pathophysiology Of Childhood Obstructive Sleep Apnea	Johns Hopkins University	\$327,000
5R01HL064277-04	Marks, Gerald A	Sleep/Wake-Related Neuronal Activity In The	University Of Texas Sw Med Ctr/Dallas	\$195,000

Grant No	PI	Title	Institution	Funding
1R01HL071515-01	Mignot, Emmanuel	Sleep Disordered Breathing, Apoe And Lipid Metabolism	Stanford University	\$387,748
5R44HL070327-03	Modarrezzadeh, Mohammad N	Wireless Evoked Potential System For Measuring Alertness	Cleveland Medical Devices, Inc.	\$317,061
5R01HL041016-12	Muller, James E	Triggers Of Ventricular Arrhythmias (Tova) Study	Massachusetts General Hospital	\$528,714
5U01HL053941-09	O'connor, George T	Sleep Heart Health Study	Boston University	\$314,562
5R01HL063767-03	O'donnell, Christopher P	Leptin And Ventilatory Control During Sleep	Johns Hopkins University	\$286,125
5R01HL066324-03	O'donnell, Christopher P	Cholinergic Aspects Of The Carotid Body In Sleep Apnea	Johns Hopkins University	\$286,125
5K07HL003896-05	Owens, Judith A	Biopsychosocial Model Of Sleep Education	Rhode Island Hospital (Providence, Ri)	\$88,064
5P50HL060287-05	Pack, Allan I	Scor In Neurobiology Sleep And Sleep Apnea	University Of Pennsylvania	\$1,877,480
5R01HL060756-04	Pack, Allan I	Treatment Of Sleep Apnea In The Elderly	University Of Pennsylvania	\$568,457
5T32HL007953-03	Pack, Allan I	Training In Sleep And Sleep Disorders	University Of Pennsylvania	\$377,973
5R01HL069699-02	Pavrides, Constantine	Gene Regulation And Synaptic Plasticity In Sleep	Rockefeller University	\$336,417
1K08HL068715-01	Polotsky, Vsevolod Y	Sleep Disordered Breathing And Glucose Regulation	Johns Hopkins University	\$131,490
5R01HL059596-06	Ptacek, Louis J Ii	Characterization Of Advanced Sleep Phase Syndrome	University Of Utah	\$422,096
5K23HL004065-04	Punjabi, Naresh M	Early Identification And Treatment Of Sleep Apnea	Johns Hopkins University	\$157,082
5U01HL053937-09	Punjabi, Naresh M	The Sleep Heart Health Study	Johns Hopkins University	\$529,307
5R01HL062373-04	Quan, Stuart F	Prevalence And Correlates Of Childhood Sleep Apnea	University Of Arizona	\$373,243
5U01HL053938-09	Quan, Stuart F	The Sleep Heart Health Study	University Of Arizona	\$415,550
1R01HL072702-01	Quattrochi, James J	Cellular And Molecular Mechanisms Of REM Sleep Control	Massachusetts Mental Health Institute	\$250,550
5U01HL053931-09	Rapoport, David M	Sleep Heart Health Study	New York University School Of Medicine	\$480,086
5R01HL046380-12	Redline, Susan S	Familial Aggregation And Natural History Of Sleep Apnea	Case Western Reserve University	\$619,433
3R01HL046380-12S1	Redline, Susan S	Familial Aggregation And Natural History Of Sleep Apnea	Case Western Reserve University	\$38,250
1R01HL070916-01	Redline, Susan S	Outcomes Of Sleep Disordered Breathing In Adolescents	Case Western Reserve University	\$366,600
5U01HL063463-04	Redline, Susan S	The Sleep Heart Health Study: Reading Center Application	Case Western Reserve University	\$528,431
5U01HL063429-04	Resnick, Helaine E	Sleep Heart Health Study	Missouri Breaks Research, Inc.	\$181,032
5U01HL053916-09	Robbins, John A	Sleep Heart Health Study	University Of California Davis	\$208,971
5K23HL004426-03	Rosen, Carol L	Evaluation Of Diagnostic Tests For Pediatric Sleep Apnea	Case Western Reserve University	\$127,035
5K07HL003890-05	Rosen, Gerald M	Mn Regional Sleep Disorders Center Sleep Academic Award	Minneapolis Medical Research Fdn, Inc.	\$85,971
1F32HL071469-01	Rubin, Arnon	Expression Of Sleep Disordered Breathing In Inbred	Johns Hopkins University	\$50,116
5U01HL064360-04	Samet, Jonathan M	Data Coordinating Center For Sleep Heart Study	Johns Hopkins University	\$759,135
1R01HL068652-01A1	Samson, Willis K	Orexinergic Pathways In Central Autonomic Control	St. Louis University	\$389,218
5K07HL003646-05	Sateia, Michael J	New Technology And Outreach In Sleep Education	Dartmouth College	\$86,400
1K24HL067948-01A1	Schwab, Richard J	Pathogenesis And Genetics Of Obstructive Sleep Apnea	University Of Pennsylvania	\$139,466
5R01HL050381-09	Schwartz, Alan R	Upper Airway Control Of Transtracheal Insufflation	Johns Hopkins University	\$357,364

Grant No	PI	Title	Institution	Funding
1R01HL071506-01	Schwartz, Alan R	Cardiovascular Stress Of Sleep Apnea And Heart Failure	Johns Hopkins University	\$366,255
5R44HL068500-03	Seifert, Gregory J	Body-Worn Wire-Free Micro-Recording Sleep Sensors	Advanced Medical Electronics Corporation	\$337,900
5U01HL053934-09	Shahar, Eyal	The Sleep Heart Health Study	University Of Minnesota Twin Cities	\$357,603
5R01HL061596-04	Shirahata, Machiko	Carotid Body Excitation--New Concept	Johns Hopkins University	\$248,506
5P50HL060296-05	Siegel, Jerome M	Control Of Airway Motor Neurons During Sleep/Wakefulness	University Of California Los Angeles	\$1,477,598
5R37HL041370-14	Siegel, Jerome M	Control Of Muscle Tone By The Nucleus Magnocellularis	University Of California Los Angeles	\$211,050
5K07HL003899-05	Skatrud, James B	Sleep Medicine Curriculum	University Of Wisconsin Madison	\$87,574
5R01HL050531-08	Smith, Curtis A	Carotid Chemo/Baroreceptors Role In Apnea And Hyperpnea	University Of Wisconsin Madison	\$233,925
5R01HL037379-16	Smith, Philip L Phili	Obesity And Neural Control In Sleep Disordered Breathing	Johns Hopkins University	\$435,590
5R01HL065176-04	Somers, Virend K	Cardiovascular Disease Mechanisms In Sleep Apnea	Mayo Clinic Rochester	\$292,039
1F32HL069690-01	Stanchina, Michael L	Lung Volumes And Obstructive Sleep Apnea	Brigham And Women's Hospital	\$54,352
5K07HL003650-05	Strohl, Kingman P	Sleep Academic Award--Recognition Of Sleep Disorders	Case Western Reserve University	\$82,823
5R01HL064278-04	Strohl, Kingman P	Sleep And Entertainment Of SCN Function	Case Western Reserve University	\$290,250
5T32HL007913-04	Strohl, Kingman P	Sleep Medicine Neurobiology And Epidemiology	Case Western Reserve University	\$218,154
5R01HL062401-04	Suratt, Paul M	Obstructive Apnea In Children	University Of Virginia Charlottesville	\$364,839
1K23HL004457-01A1	Thomas, Robert J	Working Memory In Obstructive Sleep Apnea-An Fmri Study	Beth Israel Deaconess Medical Center	\$149,396
5R01HL070522-13	Toth, Linda A	Sleep Patterns During Infectious Disease	Southern Illinois University Carbondale	\$246,750
3R01HL070522-13S1	Toth, Linda A	Sleep Patterns During Infectious Disease	Southern Illinois University Carbondale	\$74,999
5T32HL007909-05	Turek, Fred W	Training Grant In Sleep Research	Northwestern University	\$218,119
1R01HL072694-01	Van Cauter, Eve	Extended Work Schedule And Health: Role Of Sleep Loss	University Of Chicago	\$381,250
1R01HL070154-01	Van Dongen, Hans P	Individual Differences In Response To Sleep Deprivation	University Of Pennsylvania	\$383,344
5R01HL065225-03	Veasey, Sigrid C	Differential Vulnerability To Morbidities Of Sleep Apnea	University Of Pennsylvania	\$237,750
5R01HL064415-03	Vgontzas, Alexandros N	The Role Of Cytokines In Sleepiness And Sleep Apnea	Pennsylvania State Univ Hershey Med Ctr	\$234,900
5R01HL062589-04	Vidruk, Edward H	Medullary Respiratory Neurons And Sleep Apnea	University Of Wisconsin Madison	\$281,148
1R01HL070784-01	Waters, Karen A	The Metabolic Syndrome In Pediatric Obstructive Apnea	Children'S Hospital At Westmead	\$108,000
5P50HL060292-05	White, David P	Harvard Center On Sleep Neurobiology And Sleep Apnea	Harvard University (Medical School)	\$1,585,873
5R01HL048531-10	White, David P	Sleep, Airway Patency And The Pharyngeal Musculature	Brigham And Women'S Hospital	\$423,750
5R01HL062252-04	Young, Terry B	Epidemiology Of Sleep-Disordered Breathing In Adults	University Of Wisconsin Madison	\$976,987
5K07HL003891-05	Zee, Phyllis C	Multidisciplinary Educational Program In Sleep Medicine	Northwestern University	\$88,746
			Total Extramural	\$44,549,561
			Loan Repayment	\$103,829
			OPEC	\$88,000
			RMS	\$414,000
			NHLBI TOTAL	\$45,155,390

NATIONAL INSTITUTE OF MENTAL HEALTH

Grant No	PI	Title	Institution	Funding
5R03MH063269-02	Adam, Emma K	Contextual Influences On Adolescent Cortisol Activity	Northwestern University	\$73,500
5R01MH061354-03	Alam, Md N	Control Of Sleep And Arousal	Sepulveda Research Corporation	\$118,100
5R01MH062641-02	Albers, H Elliott	Neurobiology Of Social Behavior	Georgia State University	\$250,250
5T32MH019132-12	Alexopoulos, George S.	Research Training In Geriatric Mood Disorders	Weill Medical College Of Cornell Univ	\$131,739
5P30MH049762-10	Alexopoulos, George S.	CRC/Geriatric Mood Disorders	Weill Medical College Of Cornell Univ	\$1,226,049
5K08MH001844-03	Anderson, Matthew P	Ca Channels In Thalamic & Hippocampal Rhythmic Activity	Brigham And Women's Hospital	\$158,504
5R01MH056953-04	Armitage, Roseanne	Childhood Depression--Physiological Correlates	University Of Texas SW Med Ctr/Dallas	\$328,060
5R01MH061515-02	Armitage, Roseanne	Sex Differences In Sleep Regulation In Depression	University Of Texas SW Med Ctr/Dallas	\$413,670
5R01MH045361-15	Baghdoyan, Helen A	Cholinergic Mechanisms Of REM Sleep Generation	University Of Michigan At Ann Arbor	\$204,312
5R01MH049741-11	Barlow, Robert B	Computational Models Of Retinal And Brain Function	Upstate Medical University	\$223,359
5R01MH052226-08	Benca, Ruth M	Acute Effects Of Light On Sleep	University Of Wisconsin Madison	\$395,726
5R01MH060338-03	Benca, Ruth M	Amygdala And Sleep	University Of Wisconsin Madison	\$288,000
5R01MH062359-02	Berridge, Craig W	Neurobiology Of Orexin/Hypocretin-Induced Arousal	University Of Wisconsin Madison	\$218,250
5R01MH059166-03	Bittman, Eric L	Neural Regulation Of Circadian Rhythms And Photoperiods	University Of Massachusetts Amherst	\$230,250
1R01MH062599-01A2	Black, John L	Hypocretin System Immune Diathesis In Human Narcolepsy	Mayo Clinic Rochester	\$368,008
5R01MH062517-02	Block, Gene D	Neural Basis Of Mammalian Circadian Organization	University Of Virginia Charlottesville	\$258,232
1K02MH066424-01	Blumberg, Mark S	Homeostasis And Behavioral State Organization In Infants	University Of Iowa	\$104,529
5R01MH053032-08	Brenowitz, Eliot A	Comparative Studies Of Vocal Control	University Of Washington	\$324,527
5R01MH048802-10	Breslau, Naomi	Posttraumatic Stress Disorder--A Follow Up Study	Case Western Reserve Univ-Henry Ford HSC	\$193,378
1F31MH067318-01	Broome, Bede M	Characteristics Of Sleep In Insects	California Institute Of Technology	\$35,267
5R21MH063364-02	Brown, Ronald L	Retinal Input To The Circadian System	Oregon Health & Science University	\$151,000
2R01MH064867-05A1	Bucan, Maja	Genetics Of Rest:Activity Behavior In The Mouse	University Of Pennsylvania	\$331,620
5F30MH012351-02	Buchanan, Gordon F	Cholinergic Influence On Circadian Function	University Of Illinois Urbana-Champaign	\$33,490
2R01MH024652-27	Buysse, Daniel J	Psychobiology And Treatment Response In Primary Insomnia	University Of Pittsburgh At Pittsburgh	\$453,636
5R01MH060939-03	Cahill, Gregory M	Mutational Analysis Of Vertebrate Circadian Rhythmicity	University Of Houston-University Park	\$190,738
5K02MH001099-10	Campbell, Scott S	Chronobiology Of Age Related Sleep Disturbance	Weill Medical College Of Cornell Univ	\$107,730
5R01MH045067-14	Campbell, Scott S	Bright Light Treatment Of Sleep Disturbance In Elderly	Weill Medical College Of Cornell Univ	\$209,585
5R01MH052415-09	Carskadon, Mary A	Adolescent Sleep: Circadian And Homeostatic Processes	Emma Pendleton Bradley Hospital	\$591,005
5R25MH058879-05	Carskadon, Mary A	Sleep And Chronobiology Summer Research Apprenticeship	Emma Pendleton Bradley Hospital	\$78,731
5R01MH050471-07	Cartwright, Rosalind D	Sex Differences In Mood Disorders	Rush-Presbyterian-St Lukes Medical Ctr	\$253,750
5R25MH059677-04	Chase, Michael H	Training Workshop In Basic Sleep Research	University Of California Los Angeles	\$113,788

Grant No	PI	Title	Institution	Funding
5K01MH001508-06	Chow, Carson C	Synchrony In Neuronal Networks	University Of Pittsburgh At Pittsburgh	\$114,167
5R01MH044234-13	Church, Russell M	Temporal Discrimination Learning	Brown University	\$185,863
5K08MH001642-02	Clark, Camellia P	Sleep Deprivation, EEG, & Functional MRI In Depression	University Of California San Diego	\$167,724
1F31MH065793-01	Cohen-Zion, Mairav	Sleep And Circadian Rhythms In Children With ADHD	University Of California San Diego	\$25,108
5R44MH060034-03	Cooke, Arthur V	Advanced At-Home Screening Device For Sleep Apnea	Active Signal Technologies, Inc.	\$372,995
1R01MH064799-01A1	Crystal, Jonathon D	Mechanisms Of Time Discrimination	University Of Georgia	\$231,000
5R01MH045130-12	Czeisler, Charles A.	Treatment Of Circadian Sleep Disorders With Bright Light	Brigham And Women's Hospital	\$695,053
5K02MH001362-07	Dahl, Ronald E	Sleep/Arousal & Affect Regulation: Puberty Development	University Of Pittsburgh At Pittsburgh	\$116,989
1R24MH067346-01	Dahl, Ronald E	Affect Regulation And Adolescent Brain Maturation	University Of Pittsburgh At Pittsburgh	\$373,750
5R01MH059839-04	Datta, Subimal	Cellular And Neurochemical Mechanisms Of REM Sleep	Boston University	\$249,134
2R01MH058543-05A2	De Lecea, Luis	Neuropeptide Cortistatin And Sleep	Scripps Research Institute	\$397,530
5T32MH020051-03	De Vries, Geert J	Training In Neuroendocrinology	University Of Massachusetts Amherst	\$159,246
1F32MH066507-01	Dodge, James C	Suprachiasmatic Regulation Of Reproductive Physiology	University Of Massachusetts Amherst	\$38,320
5R01MH052685-07	Dubocovich, Margarita L	Melatonin-Light Interaction On Circadian Activity	Northwestern University	\$299,378
1R01MH063466-01A1	Dubocovich, Margarita L	Melatonin Receptors As Therapeutic Targets In Primates	Northwestern University	\$329,872
5R01MH059995-04	Dudek, Francis Edward	Local Neuronal Circuits Of The Suprachiasmatic Nucleus	Colorado State University	\$237,058
5R01MH044651-13	Dunlap, Jay C	Identification And Analysis Of Clock Controlled Genes	Dartmouth College	\$410,999
5R01MH060147-02	Earnest, David J	Role Of Bdnf In The Photic Control Of Circadian Rhythms	Texas A&M University Health Science Ctr	\$180,000
5K23MH001830-03	Epperson, Cynthia N	Neuronal Dysfunction In Premenstrual Dysphoric Disorder	Yale University	\$142,423
5K02MH001435-05	Erskine, Mary S	Neuroendocrine Responses To Mating In The Female	Boston University	\$98,033
1R21MH063199-01A1	Fallone, Gahan P	Adolescent ADHD: Sleep, Symptoms, And Medication	Emma Pendleton Bradley Hospital	\$140,000
1R01MH062521-01A2	Feinberg, Irwin	Longitudinal Measurements Of Sleep EEG In Adolescence	University Of California Davis	\$443,296
5T32MH017168-19	Fluharty, Steven J	Predoctoral Training In Behavioral Neuroscience	University Of Pennsylvania	\$194,351
3R01MH062003-01A1S1	Foa, Edna B	Relationship Between Bio. And Psych. Correlates Of PTSD	University Of Pennsylvania	\$89,156
5R01MH062003-02	Foa, Edna B	Relationship Between Bio. And Psych. Correlates Of PTSD	University Of Pennsylvania	\$377,896
1R01MH067568-01	Frank, Marcos G	Sleep And Neural Plasticity In Developing Neocortex	University Of California San Francisco	\$263,521
1R01MH063089-01A1	Freedman, Robert F	Sleep Disturbance In Menopause	Wayne State University	\$372,500
5F31MH064312-02	Freeman, Amanda A	Dopaminergic Mesothalamic System: Anatomy & Physiology	Emory University	\$22,991
5T32MH019927-09	Fritz, Gregory K	Research Training In Child Mental Health	Rhode Island Hospital (Providence, Ri)	\$271,062
1F31MH067320-01	Gerdin, Matthew J	Melatonin Regulation Of Mt2 Melatonin Receptors	Northwestern University	\$24,629
5R01MH058606-03	Gilden, David L	Fluctuations In Cognitive And Perceptual Activity	University Of Texas Austin	\$106,824
5R01MH039531-15	Giles, Donna E.	Is EEG Sleep Abnormal In Those At Risk For Depression	University Of Rochester	\$349,236
5R01MH060350-03	Giles, Donna E.	Familial Risks For Mood Disorders In Adult Offspring	University Of Rochester	\$159,500

Grant No	PI	Title	Institution	Funding
5R01MH051246-07	Girdler, Susan S.	Neuroendocrine Modulation Of Stress Responses In PMS	University Of North Carolina Chapel Hill	\$347,145
1F31MH067413-01	Gooley, Joshua J	Characteristics Of Retinal Cells That Contain Melanopsin	Beth Israel Deaconess Medical Center	\$27,130
5R01MH061461-02	Green, Carla B	In Vivo Studies Of Vertebrate Circadian Clock Genes	University Of Virginia Charlottesville	\$184,380
1R13MH065262-01	Green, Carla B	Pineal Cell Biology Gordon Conference	Gordon Research Conferences	\$15,000
5K01MH001554-05	Hall, Martica	Sleep As A Mediator Of The Stress/Health Relationship	University Of Pittsburgh At Pittsburgh	\$113,098
5R01MH061423-03	Hardin, Paul E	Circadian Regulatory Circuits In Drosophila	University Of Houston-University Park	\$221,250
5R01MH060013-03	Hasselmo, Michael E	Neuromodulation And Cortical Memory Function	Boston University	\$239,791
5R01MH061492-03	Hasselmo, Michael E	Cholinergic Regulation Of Entorhinal Network Function	Boston University	\$253,120
1F31MH064255-01A1	Haynes, Patricia L	Circadian Impact Of Psychosocial Factors In Depression	University Of California San Diego	\$25,018
5R44MH057186-03	Heitmann, Anneke	Software System For Prediction Of Shiftwork Alertness	Circadian Technologies, Inc.	\$190,377
5F31MH064329-02	Hellman, Kevin M	Memory Consolidation And Sleep	University Of Pennsylvania	\$36,268
5R01MH063104-03	Herzog, Erik D	Cellular Basis Of Circadian Rhythms In Mammals	Washington University	\$192,500
5R01MH048832-09	Hobson, J Allan	State Dependent Aspects Of Cognition	Harvard University (Medical School)	\$326,738
5R01MH057832-05	Hooper, Scott L	Phase Maintenance, Neuron Properties To Muscle Response	Ohio University Athens	\$149,079
5R01MH059847-03	Horvath, Tamas L	Gonadal Steroid Regulation Of The Biological Clock	Yale University	\$245,250
5R01MH059890-04	Jennes, Lothar H	Neuroendocrine Mechanisms Of Reproductive Aging	University Of Kentucky	\$216,855
5K02MH001179-09	Johnson, Carl H	Molecular/Genetic Analysis Of Biological Clocks	Vanderbilt University	\$95,434
2R01MH043836-14A2	Johnson, Carl H	Molecular/Genetic Analysis Of Biological Clocks In Cells	Vanderbilt University	\$339,750
1R21MH065910-01	Johnson, Carl H	Cell-Permeant Clock Proteins	Vanderbilt University	\$143,350
5R01MH061385-03	Johnson, Eric O	Epidemiology Of Insomnia & Mental Illness In Adolescence	Case Western Reserve Univ-Henry Ford Hsc	\$322,495
5R01MH060119-03	Jones, Barbara E	Role Of Basal Forebrain Neurons In Sleep Wake States	Mc Gill University	\$75,000
2R44MH062251-02	Kalpin, Scott L	Sleep Study Sensors With Embedded Wireless Links	Advanced Medical Electronics Corporation	\$326,054
5R01MH045923-13	Kandel, Eric R	Molecular Biological Approaches: Ltp In The Hippocampus	Columbia University Health Sciences	\$298,375
3P30MH052129-07S2	Katz, Ira R	Depression In Late Life--Psychiatric/Medical Comorbidity	University Of Pennsylvania	\$189,721
5K02MH001180-07	Keshavan, Matcheri S.	Brain Maturation And Vulnerability To Schizophrenia	University Of Pittsburgh At Pittsburgh	\$117,223
2R44MH062244-02	Kilgore, James L	Coupled Enzyme Process For Tryptamine Synthesis	Biocatalytics, Inc.	\$432,075
5R01MH058853-04	King, Abby C	Promoting Exercise, Sleep And Well Being In Older Adults	Stanford University	\$437,021
1R03MH063400-01A1	Kinkead, Becky L	Neurotensin In Estrous Cycle Regulation Of PPI	Emory University	\$76,000
5R01MH062525-02	Kocsis, Bernat	Cooperation Among Subcortical Networks Underlying Memory	Massachusetts Mental Health Institute	\$1
7R01MH062525-03	Kocsis, Bernat	Cooperation Among Subcortical Networks Underlying Memory	Harvard University (Medical School)	\$254,848
5F32MH012408-02	Kriegsfeld, Lance J	Nitric Oxide And Circadian Organization	Columbia Univ New York Morningside	\$46,192
5P30MH030915-25	Kupfer, David J	Mhirc For The Study Of Mood And Anxiety Disorders	University Of Pittsburgh At Pittsburgh	\$2,314,729
1F31MH065831-01	Lebourgeois, Monique K	The Validation Of A New Measure Of Sleep In Children	University Of Southern Mississippi	\$25,035

Grant No	PI	Title	Institution	Funding
1K01MH001958-01A1	Lewin, Daniel S	Psychological Sequelae Of Disturbed Sleep In Pediatrics	University Of Pittsburgh At Pittsburgh	\$32,240
7K01MH001958-02	Lewin, Daniel S	Psychological Sequelae Of Disturbed Sleep In Pediatrics	Children's Research Institute	\$84,850
5R01MH056874-05	Lewy, Alfred J	Melatonin For Circadian Sleep Disorders In The Blind	Oregon Health & Science University	\$377,500
5R03MH062327-02	Li, Fuzhong	Tai Chi Training And Sleep Enhancement In The Elderly	Oregon Research Institute	\$80,130
5T32MH019929-09	Lisman, John E	Neuroscience: From Channels To Behavior	Brandeis University	\$189,543
5K08MH002012-02	Lopez, Faustino	Sleep Deprivation And 5-Ht Autoregulatory Processes	University Of California Los Angeles	\$155,883
5R01MH062602-02	Lucas, Jeffrey R	Integrating Energy Storage, Hippocampus And Hormones	Purdue University West Lafayette	\$181,504
5R37MH046742-13	Marder, Eve E	Intrinsic Plasticity In Oscillatory Neural Networks	Brandeis University	\$298,186
5R01MH059831-04	Margoliash, Daniel	Neurophysiology Of Sensorimotor Learning	University Of Chicago	\$329,233
1R01MH068028-01	Margoliash, Daniel	Temporal Patterns In Sleep Mechanisms Of Learning	University Of Chicago	\$281,303
5R01MH060291-04	Mason, Peggy	Physiology Of Raphe Magnus Cells During Wake And Sleep	University Of Chicago	\$193,143
5R01MH058811-04	Max, Marianna	Adenovirus Mediated Regulation Of Pineal Photoresponses	Mount Sinai School Of Medicine Of Nyu	\$153,392
4R37MH039683-19	Mccarley, Robert W	Synaptic Basis Of Sleep Cycle Control	Harvard University (Medical School)	\$510,952
5R01MH062522-02	Mccarley, Robert W	Orexin And The Control Of Sleep And Wakefulness	Harvard University (Medical School)	\$205,097
5K01MH001644-04	Mccurry, Susan M	Treating Neuropsychiatric Problems In Dementia	University Of Washington	\$124,916
5R01MH047480-11	Mcginty, Dennis J	Sleep Control By Thermosensitive Neurons	University Of California Los Angeles	\$220,500
5R01MH063341-02	Mcmahon, Douglas G	Molecular Physiology Of Circadian Pacemaking	University Of Kentucky	\$32,495
7R01MH063341-03	Mcmahon, Douglas G	Molecular Physiology Of Circadian Pacemaking	Vanderbilt University	\$282,105
5R37MH046823-12	Mcnaughton, Bruce L	Hebb Marr Networks The Hippocampus And Spatial Memory	University Of Arizona	\$340,875
5K24MH001917-04	Mellman, Thomas A.	Midcareer-Investigator Award In Patient-Oriented Researc	Dartmouth College	\$102,233
5R01MH054006-06	Mellman, Thomas A.	REM Sleep & Memory Processing During Development Of PTSD	Dartmouth College	\$304,618
2R01MH056647-06A1	Menaker, Michael	Circadian Oscillators In Cultured Mammalian Tissue	University Of Virginia Charlottesville	\$288,800
1R03MH067079-01	Mintz, Eric M	Regulation Of Circadian Activity Rhythms By Hypocretins	Kent State University At Kent	\$70,721
5R01MH060413-02	Morin, Charles M	Behavioral And Pharmacological Treatment For Insomnia	Laval University	\$225,000
1R01MH064471-01A1	Morin, Lawrence P	Intrinsic Anatomy Of The Circadian Rhythm System	State University New York Stony Brook	\$205,045
5R01MH042903-15	Morrison, Adrian R	Brainstem Mechanisms Of Alerting	University Of Pennsylvania	\$315,944
1R44MH066488-01	Mulchahey, James J	Melatonin Analog For Sleep Disorders	Phase Two Discovery, Inc.	\$100,000
5R01MH060641-03	Mullington, Janet M	Effects Of Chronic Sleep Restriction & Human Host Respon	Beth Israel Deaconess Medical Center	\$275,525
2R01MH057535-12A2	Nelson, Randy J	Environment, Behavior, And Reproduction In Rodents	Ohio State University	\$331,688
1P50MH066172-01	Nestler, Eric J.	Neural Substrates /Appetitive Behavior /Mood /Motivation	University Of Texas SW Med Ctr/Dallas	\$1,802,521
5R29MH057157-05	Neylan, Thomas C.	Sleep And Arousal Disturbances In PTSD	Northern California Institute Res & Educ	\$87,580
5K01MH001600-05	Nishino, Seiji	Pharmacological Studies Of Human And Canine Narcolepsy	Stanford University	\$115,523
5R01MH061566-02	Nofzinger, Eric A.	Sleep-Guided PET Studies In Depression	University Of Pittsburgh At Pittsburgh	\$337,031

Grant No	PI	Title	Institution	Funding
1K24MH066227-01	Nofzinger, Eric A.	Sleep Imaging Studies In Depression	University Of Pittsburgh At Pittsburgh	\$97,924
5R01MH018343-32	Nottebohm, Fernando	The Biology Of Neuronal Replacement	Rockefeller University	\$401,719
5F32MH012956-02	Novak, Colleen M	Sleep And Melatonin In Diurnal And Nocturnal Rodents	Georgia State University	\$46,192
1R01MH062335-01A2	Obrietan, Karl H	Mapk Signaling And Circadian Timing	Ohio State University	\$295,000
5R01MH064843-02	Opp, Mark R	Cytokine Neurotransmitter Interactions And Sleep	University Of Michigan At Ann Arbor	\$290,340
1R03MH063823-01A1	Park, Jae H	Regulation Of Drosophila Circadian Output Pathways	University Of Tennessee Knoxville	\$72,500
1R01MH066197-01	Park, Jae H	Transcriptional Regulation Of PDF In Drosophila	University Of Tennessee Knoxville	\$270,080
5R01MH059919-03	Parry, Barbara L	Menopausal Depression: Chronobiologic Basis	University Of California San Diego	\$536,373
1R01MH063462-01A2	Parry, Barbara L	Probing Premenstrual Dysphoric Disorder With Light	University Of California San Diego	\$362,666
5R01MH059392-02	Perlis, Michael L	Beta EEG Activity In Insomnia	University Of Rochester	\$239,250
5R01MH062296-02	Pickard, Gary E	Retinal Neurons Afferent To The Circadian System	Colorado State University	\$326,250
7R01MH060670-03	Poe, Gina R	REM Sleep And Memory	University Of Michigan At Ann Arbor	\$201,034
5F32MH012875-02	Prendergast, Brian J	Neuroendocrine Regulation Of Biological Timing	Ohio State University	\$48,148
1K23MH065434-01	Press, Daniel Z	Imaging Procedural+Working Memory In Parkinson's Disease	Beth Israel Deaconess Medical Center	\$133,653
5F31MH065054-02	Prichard, Jennifer R	Subcortical Visual System Development	University Of Wisconsin Madison	\$25,683
5R01MH062405-02	Provencio, Ignacio	Photic Regulation Of Circadian Rhythms	Henry M. Jackson Fdn For The Adv Mil/Med	\$259,350
5F32MH013023-02	Rattenborg, Niels C	Sleep And Prefrontal Cortex Asymmetry In Depression	University Of Wisconsin Madison	\$44,212
5R01MH062490-02	Rea, Michael A	Neurochemical Regulation Of Circadian Timing	University Of Houston-University Park	\$243,840
5T32MH016804-22	Reynolds, Charles F	Clinical Research Training In Psychiatry	University Of Pittsburgh At Pittsburgh	\$453,917
5R01MH037869-19	Reynolds, Charles F	Geriatric Depression--Neurobiology Of Treatment	University Of Pittsburgh At Pittsburgh	\$667,697
5R01MH063968-02	Richardson, Gary S.	Autonomic Dysregulation In Primary Insomnia	Case Western Reserve Univ-Henry Ford Hsc	\$321,750
1R01MH065606-01	Roberts, Robert E.	Epidemiology Of Disturbed Sleep Among Adolescents	University Of Texas Hlth Sci Ctr Houston	\$621,756
5T32MH015330-25	Ross, Christopher A	Interdisciplinary Training In Psychiatry & Neuroscience	Johns Hopkins University	\$196,803
5R01MH059338-04	Roth, Thomas D	Daytime Sleepiness--Prevalence, Consequences, And Risks	Case Western Reserve Univ-Henry Ford HSC	\$398,920
5R01MH060385-03	Ruby, Norman F	Circadian Rhythm Entrainment	Stanford University	\$197,365
3P01MH041712-15S1	Ryan, Neal D.	Psychobiology Of Childhood Anxiety And Depression	University Of Pittsburgh At Pittsburgh	\$35,441
2P01MH041712-16A1	Ryan, Neal D.	Neurobehavioral Changes In Pediatric Affective Disorder	University Of Pittsburgh At Pittsburgh	\$1,320,261
1K23MH001828-01A2	Salomon, Ronald M	Dynamic Measures Of Neurochemistry In Mood Disorders	Vanderbilt University	\$169,045
5R01MH061716-04	Sanford, Larry D	Phenotypical Expression Of Anxiety And Sleep	Eastern Virginia Med Sch/Med Col Hamp Rd	\$319,602
5R01MH064827-02	Sanford, Larry D	Limbic Modulation Of Arousal And Alerting	Eastern Virginia Med Sch/Med Col Hamp Rd	\$236,075
5R01MH041138-15	Satinoff, Evelyn	Fever Responses And Their Regulation In Aged Rats	University Of Delaware	\$281,195
5K08MH001507-05	Scammell, Thomas E	Adenosine And The Preoptic Regulation Of Sleep	Beth Israel Deaconess Medical Center	\$159,919
5R01MH062589-02	Scammell, Thomas E	Circadian And Aminergic Regulation Of Orexin Neurons	Beth Israel Deaconess Medical Center	\$278,242

Grant No	PI	Title	Institution	Funding
5T32MH020002-04	Sejnowski, Terrence J	Training Program In Cognitive Neuroscience	University Of California San Diego	\$283,032
5F31MH012934-02	Shiflett, Michael W	Behavioral And Neural Plasticity In Food-Storing Birds	Cornell University Ithaca	\$38,273
5R01MH055772-05	Shirmani, Priyattam J	Hypothalamic Regulation Of Sleep	Harvard University (Medical School)	\$231,875
5R01MH064109-02	Siegel, Jerome M	Hypocretin Release In Disease States And Behavior	University Of California Los Angeles	\$305,000
1R13MH065572-01	Silver, Rae	Society For Research On Biological Rhythms Meeting	Barnard College	\$13,500
2R01MH053433-07A2	Smale, Laura	The Psychobiology Of Rhythms In Diurnal Mammals	Michigan State University	\$328,023
5K02MH001621-06	Smith, Gwenn S.	Monoaminergic Function In Geriatric Neuropsychiatry	Long Island Jewish Medical Center	\$103,679
1R01MH063323-01A1	Szymusiak, Ronald S	Median Preoptic Nucleus And The Control Of Sleep	Sepulveda Research Corporation	\$226,109
5U01MH061915-02	Takahashi, Joseph S	Mouse Mutagenesis: Phenotype-Driven Neuroscience Screens	Northwestern University	\$2,738,217
5K01MH001798-03	Thakkar, Mahesh	Electrophysiology & Pharmacology Of Sleep-Wakefulness	Harvard University (Medical School)	\$127,160
5R01MH065135-02	Tononi, Giulio	Functional Changes Induced By Sleep Deprivation	University Of Wisconsin Madison	\$254,625
1R43MH062887-01A2	Tucker, Don M	Dense Array EEG For Neonatal Sleep Monitoring	Electrical Geodesics, Inc.	\$107,963
5T32MH018399-17	Turner, Eric E	Fellowship In Biological Psychiatry And Neuroscience	University Of California San Diego	\$325,904
5R21MH065062-02	Vazquez, Delia M	Depression Risk, Infant-Mother Attachment And Cortisol	University Of Michigan At Ann Arbor	\$508,075
5K02MH001158-09	Vitiello, Michael V.	Age Related Sleep Impairment--Possible Interventions	University Of Washington	\$117,612
1R21MH065497-01	Waschek, James A	Gene Targeting To Study Light-Induced Circadian Changes	University Of California Los Angeles	\$152,625
5R01MH059943-04	Weitz, Charles J	Mammalian Per Gene Regulation By The Clock Protein	Harvard University (Medical School)	\$313,141
5F32MH063579-02	Wijnen, Herman	Output Of The Circadian Clock	Rockefeller University	\$44,212
1R01MH061976-01A2	Wilson, Matthew A	Hippocampal Prefrontal Cortical Interactions In Memory	Massachusetts Institute Of Technology	\$323,140
5R01MH062119-02	Wohlgemuth, William K	Combined Behavioral/Pharmacological Therapy For Insomnia	Duke University	\$241,811
5R01MH059284-03	Yamuy, Jack	Neurotrophin Control Of REM Sleep	University Of California Los Angeles	\$190,625
3R01MH064104-01S1	Yehuda, Rachel	Relationship Between Bio And Psych Correlates Of PTSD	Mount Sinai School Of Medicine Of NYU	\$154,293
5R01MH050030-05	Young, Elizabeth Ann	Stress And Reproductive Hormones In Depression	University Of Michigan At Ann Arbor	\$333,657
5R01MH061171-35	Zucker, Irving	Photoperiod, Behavior And Brain Function	University Of California Berkeley	\$339,239
Intramural				
1Z01MH002767-05	Baler, Ruben David	Regulation Of Temporal And Spatial Gene Expression In Th		\$724,054
1Z01MH000509-19	Mirsky, A F	Attention Disorders As Assessed By Event Related Brain P		\$241,351
1Z01MH002228-17	Nash, Howard A	Genetic Neurobiology Of Drosophila		\$2,717,616
1Z01MH002765-06	Rubinow, David	Reproductive Endocrine Related Mood Disorders--Different		\$434,432
1Z01MH002772-05	Wehr, Thomas A	The Regulation Of Habitual Sleep Duration		\$144,811
1Z01MH000422-31	Zatz, Martin	Regulation Of Circadian Rhythms		\$2,172,162

NIMH TOTAL \$56,647,143

NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE

Grant No	PI	Title	Institution	Funding
3R01NS040782-01S1	Allen, Charles N	Presynaptic Mechanisms In The Suprachiasmatic Nucleus	Oregon Health & Science University	\$25,652
5R01NS040782-02	Allen, Charles N	Presynaptic Mechanisms In The Suprachiasmatic Nucleus	Oregon Health & Science University	\$459,721
5R01NS024698-16	Aston-Jones, Gary S	Afferent Control Of Locus Coeruleus	University Of Pennsylvania	\$344,885
5R01NS014857-24	Berger, Albert J	Respiratory System Integration By The Brainstem	University Of Washington	\$242,914
5R01NS041971-02	Borjigin, Jimo	Molecular Dissection Of Melatonin Synthesis In Vivo	Carnegie Institution Of Washington, Dc	\$204,750
1T32NS044851-01	Block, Gene D	Temporal Biology Training Program	University Of Virginia Charlottesville	\$126,698
5R01NS036590-05	Brainard, George C	Ocular Control Of Melatonin Regulation: Action Spectrum	Thomas Jefferson University	\$339,490
5F32NS011134-02	Burgoon, Penny W	Neurotransmitter Regulation In The Circadian Clock	University Of Illinois Urbana-Champaign	\$48,148
5P01NS039546-03	Cassone, Vincent M	Coordination Of Circadian Physiology Of Diverse Species	Texas A&M University System	\$985,833
2R01NS023426-14A1	Chase, Michael H	Neurotransmitter Control Of Sleep And Wakefulness	University Of California Los Angeles	\$313,089
5R01NS009999-27	Chase, Michael H	State Dependent Control Of Motoneuron Activity	University Of California Los Angeles	\$289,079
5R01NS040982-02	Czeisler, Charles A	After-Effects Of Entrainment On Human Circadian Period	Brigham And Women's Hospital	\$317,500
5R01NS041886-02	Czeisler, Charles A	Circadian Adaptation To Non-24-Hour Sleep-Wake Schedules	Brigham And Women's Hospital	\$317,500
5R01NS030816-10	Dark, John G	Annual Rhythms Of Energy Balance And Behavior	University Of California	\$263,200
5R01NS034004-08	Datta, Subimal	Mechanisms Underlying The Cognitive Function Of Sleep	Boston University	\$326,000
5R01NS036758-04	Delpire, Eric J	Molecular Physiology Of Brain Cation-C1 Cotransporters	Vanderbilt University	\$71,173
5U54NS041069-03	Duffy, Lawrence	Alaskan Basic Neuroscience Program	University Of Alaska Fairbanks	\$155,093
5R01NS034958-08	Ederly, Isaac	Clock Mechanism Underlying Rhythmic Behavior	Rutgers The St Univ Of NJ New Brunswick	\$345,911
5R01NS042088-02	Ederly, Isaac	Seasonal Adaptation Of A Circadian Clock	Rutgers The St Univ Of NJ New Brunswick	\$262,979
5R01NS033310-09	Engel, Jerome J	In Vivo Studies Of The Epileptic Hippocampus	University Of California Los Angeles	\$88,548
2T32NS007222-21	Feldman, Eva L	Training In Clinical And Basic Neuroscience	University Of Michigan At Ann Arbor	\$7,101
5R01NS024742-14	Feldman, Jack L	Transmission Of Respiratory Drive To Motoneurons	University Of California Los Angeles	\$36,490
5P01NS015655-22	Frey, Kirk A	Pet Study Of Biochemistry And Metabolism Of The Cns	University Of Michigan At Ann Arbor	\$649,461
2R01NS020246-17A1	Garcia-Rill, Edgar E	Central Modulation Of Rhythms	University Of Arkansas Med Scis Ltl Rock	\$277,400
5R01NS022155-16	Gillette, Martha U	Physiological Substrates Of A Circadian Oscillator	University Of Illinois Urbana-Champaign	\$377,613
5R01NS035859-06	Gillette, Martha U	Cholinergic Regulation Of The Circadian Clock	University Of Illinois Urbana-Champaign	\$264,492
5R01NS035229-06	Glass, John D	Neurologic Regulation Of The SCN Circadian Clock	Kent State University At Kent	\$323,633
5Z01NS002979-04	Goldstein, David	Clinical Neurocardiology: Catecholamine Systems In Stress And Disease	NINDS	\$273,497
5N44NS012309-00	Greeley, Harold	Alertness Monitoring Device	Create, Inc.	\$308,144
1R13MH065262-01	Green, Carla B	Pineal Cell Biology Gordon Conference	Gordon Research Conferences	\$5,000
5Z01NS002667-18	Hallett, Mark	Physiological Analysis Of Involuntary Movements	NINDS	\$121,257

Grant No	PI	Title	Institution	Funding
3U54NS039407-03S1	Haxhiu, Musa A	Neuronal And Chemical Control Of Breathing An Airways Fu	Howard University	\$43,790
3U54NS039407-03S2	Haxhiu, Musa A	Neuronal And Chemical Control Of Breathing An Airways Fu	Howard University	\$73,798
3U54NS039407-04S1	Haxhiu, Musa A	Neuronal And Chemical Control Of Breathing An Airways Fu	Howard University	\$103,148
5U54NS039407-04	Haxhiu, Musa A	Neuronal And Chemical Control Of Breathing An Airways Fu	Howard University	\$658,605
5R01NS034774-07	Huguenard, John R	Inhibitory Controls In The Thalamic Reticular Nucleus	Stanford University	\$30,712
5N44NS002366-00	Jewett, Don	Attention In Evoked Responses At High-Repetition Rates	Abratech Corp.	\$316,255
2R01NS027250-15	Krueger, James M	Sleep Regulation-The Involvement Of Ghrelin	Washington State University	\$327,847
5R01NS025378-17	Krueger, James M	Interleukin 1--A Promoter Of Slow Wave Sleep	Washington State University	\$332,419
5R01NS031453-10	Krueger, James M	Sleep Regulation And Tumor Necrosis Factor	Washington State University	\$362,500
2R01NS027881-08	Leonard, Christopher S	Synaptic Modulation Of Mesopontine Cholinergic Neurons	New York Medical College	\$294,892
1R01NS046062-01	Lindsey, Bruce G	Computational Studies Of The Respiratory Brainstem	University Of South Florida	\$299,239
5R01NS038523-02	Longstreth, W T	Epidemiology Of Narcolepsy	University Of Washington	\$566,112
3R41NS040590-01A1	Maki, Richard A	Hypocretins And Their Role In The Control Of Sleep	Neurocrine Biosciences, Inc.	\$54,979
1R01NS042698-01A1	Malow, Beth A	Effects Of Treating Obstructive Sleep Apnea In Epilepsy	University Of Michigan At Ann Arbor	\$492,316
3R01NS042698-01A1	Malow, Beth A	Effects Of Treating Obstructive Sleep Apnea In Epilepsy	University Of Michigan At Ann Arbor	\$75,666
5K02NS002099-04	Malow, Beth A	Facilitation Of Epileptic Activity By Sleep And Arousal	University Of Michigan At Ann Arbor	\$132,300
5F31NS042480-02	Marcus, Jacob N	Orexin Modulation Of Sympathetic Outflow	Harvard University (Medical School)	\$41,090
5T32NS007292-17	Marder, Eve E	Neurobiology: Genes, Channels, And Behavior	Brandeis University	\$88,178
5U54NS039409-04	Martinez, Joe L	Experience-Dependent Structural Plasticity In Cns	University Of Texas San Antonio	\$34,112
5P50NS023724-16	Mignot, Emmanuel J	Center For Narcolepsy And Related Disorder	Stanford University	\$1,232,300
5R37NS033797-09	Mignot, Emmanuel J	Molecular Genetics Of Human Narcolepsy	Stanford University	\$388,675
3R44NS037636-02S1	Minasyan, Georgiy R	Definition And Detection Of Clinical EEG Features	Astro-Med, Inc.	\$80,897
5R44NS037636-03	Minasyan, Georgiy R	Definition And Detection Of Clinical EEG Features	Astro-Med, Inc.	\$401,030
5F32NS011158-02	Mitchell, Jennifer W	Cellular Organization Of The Circadian Light Response	University Of Illinois Urbana-Champaign	\$44,212
5R01NS037571-04	Mitler, Merrill M	Narcolepsy--Multicenter Genetic And Family Study	Scripps Research Institute	\$789,950
5R01NS022168-17	Morin, Lawrence P	Behavior, Biological Rhythms And Brain	State University New York Stony Brook	\$311,091
5R01NS038050-03	Mueller, Gregory P	Fatty Acid And Peptide Amidation--A Shared Mechanism	Henry M. Jackson Fdn For The Adv Mil/Med	\$222,750
2R44NS043129-02	Nichols, L D	A New Method For Treating Sleep Disorders	Biotek, Inc.	\$254,557
5P01NS035985-05	Olsen, Richard W	Plasticity Of Gaba Receptors	University Of California Los Angeles	\$198,252
1R43NS040561-01A1	Pal, Ivan	Expert System For Arousal Scoring During Sleep	Bio-Logic Systems Corporation	\$99,900
5F31NS041857-03	Paul, Ketema N	Minority Predoctoral	Georgia State University	\$35,403
5R01NS035615-06	Pickard, Gary E	5ht Presynaptic Inhibition Of Retinal Input To The SCN	Colorado State University	\$362,500
5K08NS002021-05	Quigg, Mark S	Chronobiology Of Partial Epilepsy	University Of Virginia Charlottesville	\$127,845

Grant No	PI	Title	Institution	Funding
5R01NS039303-04	Reppert, Steven M	Circadian Clock Mechanism In The SCN	Univ Of Massachusetts Med Sch Worcester	\$323,965
5R01NS032624-09	Rivkees, Scott A	Developing Circadian Rhythmicity	Yale University	\$372,322
5R01NS030989-10	Rudy, Bernardo	Expression And Function Of K+ Channel Genes In Brain	New York University School Of Medicine	\$37,125
1R01NS043374-01	Rye, David B	Circuitry Of Midbrain Dopamine In Sleep & Wake	Emory University	\$334,178
5R01NS036697-04	Rye, David B	Brainstem Substrates Of Dopamine Modulated Movements	Emory University	\$103,960
5R01NS040221-04	Rye, David B	Sleep/Dopamine Phenotypes In Genetically Distinct Mice	Emory University	\$284,285
2R44NS042451-02A1	Schmidt, Robert N	A New Device For Untethered Home Sleep Studies	Cleveland Medical Devices, Inc.	\$460,453
5R01NS040788-02	Schwartz, William J	Hypothalamic Reconstruction Using Neural Precursor Cells	Univ Of Massachusetts Med Sch Worcester	\$54,810
5R01NS040110-02	Selverston, Allen I	Stability And Flexibility Of Oscillatory Neural Circuits	University Of California San Diego	\$372,200
5R01NS031720-07	Shaffery, James P	Brain Maturation: Function For Rapid Eye-Movement Sleep	University Of Mississippi Medical Center	\$56,062
5R37NS014610-23	Siegel, Jerome M	Immunological Factors In Narcolepsy	University Of California Los Angeles	\$358,727
2R01NS037919-05	Silver, Rae	Physiological Dissection Of The SCN	Barnard College	\$325,964
1R43NS044626-01	Smith, Jack R	Time Domain Description Of Polysomnography Data	Neurotronics, Inc.	\$100,000
5R01NS040109-03	Smith, Roderic L	Developmental Epilepsy And Conditional Gabaa Function	University Of Colorado Hlth Sciences Ctr	\$75,500
5R21NS041921-02	Soja, Peter J	Excitability Of Lumbar Afferent Terminals During Sleep	University Of British Columbia	\$125,000
2R01NS037056-05A1	Storm, Daniel R	Calcium And Camp Regulation Of The Circadian Clock	University Of Washington	\$320,694
5R01NS021749-18	Taghert, Paul H	Developmental Regulation Of Neuropeptide Expression	Washington University	\$75,771
5R01NS030914-09	Tepley, Norman	Development Of Low Frequency Meg Hardware And Software	Case Western Reserve Univ-Henry Ford Hsc	\$105,897
5S11NS038483-04	Tosini, Gianluca	Plasticity Of Mammalian Circadian Axis	Morehouse School Of Medicine	\$318,741
5R01NS040220-05	Toth, Linda A	Murine Sleep Phenotype During Microbial Infections	Southern Illinois University Carbondale	\$225,195
5Y01NS008002-00	Trudeau, Sara L	Human Specimen Bank	Va W. Los Angeles Health Care Center	\$15,915
1R01NS041454-01A1	Van Den Pol, Anthony N	Hypocretin Neurons	Yale University	\$279,585
1R01NS040829-01A2	Walters, Arthur S	Study Of L-Dopa In ADHD And RLS/PLMs	JFK Medical Center	\$110,466
5R01NS029728-11	Watts, Alan G	Neuropeptides And Their Physiological Control	University Of Southern California	\$258,968
1R01NS043491-01	Weitz, Charles J	Secreted SCN Factors And Circadian Locomotor Activity	Harvard University (Medical School)	\$505,024
5R01NS040254-03	Yellon, Steven M	Neuroendocrine/Immune Interactions: Role Of Melatonin	Loma Linda University	\$267,510
NINDS TOTAL				\$22,917,888

NATIONAL INSTITUTE OF NURSING RESEARCH

Grant No	PI	Title	Institution	Funding
1R01NR008125-01	Alley, Linda G	Pain, Opioids, And Sleep In Cancer Patients	Emory University	\$324,976
1R01NR007762-01A1	Berger, Ann M	Fatigue & Breast Cancer-A Behavioral Sleep Intervention	University Of Nebraska Medical Center	\$312,375
1R01NR008032-01	Carlson, Barbara W	Respiratory Periodicity And Cognitive Decline In Elders	University Of North Carolina Chapel Hill	\$333,114
5F31NR007844-02	Carno, Margaret-Ann	Impact Of Changes In Circadian Rhythms In Pediatrics ICU	University Of Pittsburgh At Pittsburgh	\$24,261
1R01NR008381-01	Carskadon, Mary A	Phase Preference, Sleepiness, And Adolescent Development	Brown University	\$244,000
1R01NR005188-01A2	Cohen, Marlene Z	Symptom Management In Blood And Marrow Transplantation	University Of Texas Hlth Sci Ctr Houston	\$362,133
5R01NR004281-07	Dinges, David F.	Neurobehavioral Effects Of Partial Sleep Deprivation	University Of Pennsylvania	\$411,327
5R01NR007677-03	Eastman, Charmane I	Reducing Jet-Lag With Practical Circadian Treatments	Rush-Presbyterian-St Lukes Medical Ctr	\$286,000
5R29NR004951-05	Epstein, Dana R	Behavioral Intervention For Insomnia In Older Adults	U.S. Carl T. Hayden Vet Affairs Med Ctr	\$36,468
5R01NR003880-06	Floyd, Judith A	Aging-Related Sleep Changes: A Meta-Analysis	Wayne State University	\$201,150
5R01NR001094-15	Heitkemper, Margaret M	A Nursing Study Of Gut Function In Menstruating Women	University Of Washington	\$396,953
5R01NR005005-02	Higgins, Patricia A	Adult Failure To Thrive In Long-Term Ventilator Patients	Case Western Reserve University	\$388,228
1R01NR008150-01	Jones, Kim D	Maximizing Beneficial Exercise Effects In Fibromyalgia.	Oregon Health & Science University	\$478,861
5P20NR007812-02	Larson, Janet L	Center For Research On Cardiovascular And Respiratory He	University Of Illinois At Chicago	\$238,392
5R01NR005345-02	Lee, Kathryn A	Sleep Disruption In New Parents: An Intervention Trial	University Of California San Francisco	\$389,831
5T32NR007088-07	Lee, Kathryn A	Nursing Research Training In Symptom Management	University Of California San Francisco	\$450,543
5R01NR004959-03	Merritt, Sharon L	Pupillometric Sleepiness In Treated Sleep Disorders	University Of Illinois At Chicago	\$406,799
5R01NR004835-04	Miaskowski, Christine A.	Fatigue, Pain, And Sleep Problems During Radiation	University Of California San Francisco	\$370,584
5T32HL007953-03	Pack, Allan I	Training In Sleep And Sleep Disorders	University of Pennsylvania	\$100,000
5P20NR007798-02	Parker, Kathy P	Symptoms, Symptoms Interactions, And Health Outcome	Emory University	\$232,899
5K01NR000145-03	Phillips, Kenneth D	Psychoneuroimmunological Correlates Of Sleep In HIV	University Of South Carolina At Columbia	\$84,794
1R01NR007771-01A1	Richards, Kathy C	Effect Of Activities And Exercise On Sleep In Dementia	University Of Arkansas Med Scis Ltl Rock	\$426,641
5R01NR005075-02	Sidani, Souraya	Alternative Methods For Clinical Research	University Of Toronto	\$348,731
5R01NR004828-03	Smith, Carol E	Rural Dwelling Older Adults: CPAP Adherence Support	University Of Kansas Medical Center	\$502,279
5F31NR007946-02	Strange, Laura B	Sleep Patterns Of Women At Risk For Preterm Labor	Emory University	\$45,849
5K01NR007649-02	Thomas, Karen A.	Maternal Entrainment Of Infant Circadian Rhythm	University Of Washington	\$86,265
1R01NR007656-01A1	Wilkie, Diana J	Massage Therapy Effects In Hospice Patients With Cancer	University Of Washington	\$269,565
1R01NR007759-01A1	Zimmerman, Lani M	Symptom Management Intervention In Elderly CABG Patients	University Of Nebraska Medical Center	\$338,291
NINR TOTAL				\$8,091,309

NATIONAL CENTER FOR RESEARCH RESOURCES

Grant No	PI	Title	Institution	Funding
M01RR002635-18	Adler, Gail K	Interactions Between The HPA Axis And Ans In Women With Fibromyalgia	Brigham And Women's Hospital	\$7,457
M01RR000827-28	Ancoli-Israel, Sonia	Cognitive Benefits Of Treating Sleep Apnea In Dementia	University Of California San Diego	\$12,331
M01RR000240-38	Arens, Raanan	MRI Imaging Of The Upper Airway Of Children With OSAS	Children's Hospital Of Philadelphia	\$27,554
M01RR000096-41	Ayappa, Indu	Flow Limitation In The Diagnosis & Quantitation Of Sleep Disordered Breathing	New York University School Of Medicine	\$14,117
M01RR000096-41	Ayappa, Indu	Automated Analysis Of Sleep Disordered Breathing	New York University School Of Medicine	\$44,705
M01RR000073-40	Badar, Tehmina	Assessment Of Sleep Disorders In Brain Injured Adults	University Of Texas Medical Br Galveston	\$24,402
M01RR000039-42	Bailey, James	Cool Dialysate And Sleep Propensity In Chronic Hemodialysis	Emory University	\$18,556
C06RR017747-01	Balamuth, David P	Lab Const: Sleep	University Of Pennsylvania	\$400,000
M01RR000042-42	Barkan, Ariel L	Effect Of Ghrh Antagonist On Gh Pulsatility & Sleep Architecture	University Of Michigan At Ann Arbor	\$101,215
M01RR003186-17	Benca, Ruth M	Prefrontal Activation Asymmetry And REM Sleep Expression In Depression	University Of Wisconsin Madison	\$24,389
M01RR000048-41	Benloucif, Susan J	Response To Light In Patients With Delayed Sleep Phase Syndrome	Northwestern University	\$532
M01RR000048-41	Benloucif, Susan J	A Pilot Study On The Phase Shifting Response To 2-Hour Light Exposure	Northwestern University	\$355,439
M01RR000096-41	Berger, Kenneth	Kinetics Of Co2 Balance During Sleep In Patients W/ Ventilatory Sleep Disorders	New York University School Of Medicine	\$11,764
M01RR000096-41	Berger, Kenneth	Carbon Dioxide Homeostasis During Periodic Breathing In Obstructive Sleep Apnea	New York University School Of Medicine	\$4,706
M01RR000533-34	Berk, John L	Snoring And Sleep Apnea In Patients With Systemic Amyloidosis	Boston University	\$3,146
M01RR000042-42	Bhatt-Mehta, Varsha	Salivary Sampling Of Systemic Caffeine Concentrations For Apnea Of Prematurity	University Of Michigan At Ann Arbor	\$53,138
M01RR010732-08	Bixler, Edward O	Sleep Disordered Breathing In Children	Pennsylvania State Univ Hershey Med Ctr	\$4,601
M01RR000645-31	Boulos, Ziad	Study Of Light Visor Treatment For Jet Lag	Columbia University Health Sciences	\$45,418
P20RR011091-08	Boychuk, Rodney B	Tongue Thrusting, Mouth Breathing, Oral & Dental Abnormalities	University Of Hawaii At Manoa	\$36,790
M01RR000042-42	Brower, Kirk J	Gabapentin Treatment Of Alcohol And Sleep Problems	University Of Michigan At Ann Arbor	\$48,077
M01RR000056-41	Buysse, Daniel	Identifying And Treating Insomnia In Primary Care	University Of Pittsburgh At Pittsburgh	\$25,903
M01RR000056-41	Buysse, Daniel	Circadian Patterns Of Sleep Tendency In The Elderly	University Of Pittsburgh At Pittsburgh	\$37,678
M01RR008084-09	Cavallo, Anita	Melatonin On Blood Pressure In Type I Diabetes	Children's Hospital Med Ctr (Cincinnati)	\$6,374
M01RR000042-42	Chervin, Ronald D	Primary Sleep Disorders In Hyperactive Children	University Of Michigan At Ann Arbor	\$3,036
M01RR000042-42	Chervin, Ronald D	Behavioral Effects Of Obstructive Sleep Apnea In Children	University Of Michigan At Ann Arbor	\$44,586
M01RR005096-13	Clejan, Sanda	Blood Histamine And Plasma Ascorbic Acid Levels In The Development Of Chd	Tulane University Of Louisiana	\$1,218
M01RR002635-18	Cohen, Richard	Effects Of Disruptive Sleep On Hormonal And Renal Response To Posture	Brigham And Women's Hospital	\$82,029
M01RR000125-39	Cohen, Susan Dsn	Perimenopausal Symptoms Management With Acupuncture	Yale University	\$69,514
M01RR001271-21	Conte, Felix	Evaluation Of Gonadotropin Secretion In Children	University Of California San Francisco	\$3,725
M01RR010732-08	Craig, Timothy	Role Of Nasal Antihistamines On Perennial Rhinitis Induced Sleep Disturbance	Pennsylvania State Univ Hershey Med Ctr	\$5,981
M01RR000042-42	Crofford, Leslie J	Hpa Axis Dysregulation In Fibromyalgia	University Of Michigan At Ann Arbor	\$4,555

Grant No	PI	Title	Institution	Funding
M01RR002635-18	Czeisler, Charles A	Disrupted Sleep In The Elderly: Circadian Etiology	Brigham And Women's Hospital	\$27,607
M01RR002635-18	Czeisler, Charles A	Investigation Of Day/Night Csf Orexin-A Variation In Healthy Male Subjects	Brigham And Women's Hospital	\$26,497
M01RR002635-18	Czeisler, Charles A	Clinical Trial Of Melatonin As Hypnotic	Brigham And Women's Hospital	\$63,941
M01RR000833-28	Darko, Denis F	Sleep EEG Delta And Night Plasma Levels Of Tnf-Alpha In Healthy Humans	Scripps Research Institute	\$12,054
M01RR000833-28	Darko, Denis F	Melatonin Treatment For Sleep Disturbances During Menopause	Scripps Research Institute	\$2,301
M01RR000827-28	Dimsdale, Joel E	Effects Of Opioid Medications On Sleep And Fatigue	University Of California San Diego	\$8,078
M01RR000827-28	Dimsdale, Joel E	Sleep Apnea And Hypertension: Role Of The Sympathetic Nervous System	University Of California San Diego	\$116,074
M01RR000040-42	Dinges, David	Neurobehavioral Effects Of Partial Sleep Deprivation	University Of Pennsylvania	\$420,385
M01RR000040-42	Dinges, David	Countermeasures To Neurobehavioral Deficits From Sleep Loss	University Of Pennsylvania	\$147,555
M01RR000040-42	Dinges, David	Maintaining Neurobehavioral Performance Capacity During Susops	University Of Pennsylvania	\$95,361
M01RR000079-39	Dodd, Marilyn	Exercise Cancer Pilot	University Of California San Francisco	\$31,575
M01RR000079-39	Dowling, Glenna	Circadian Parkinson's	University Of California San Francisco	\$46,149
M01RR000827-28	Drummond, Sean Pa	Influence Of Task Difficulty On Cerebral Response Following Sleep Deprivation	University Of California San Diego	\$30,188
M01RR002635-18	Duffy, Jeanne	Light, Sleep Timing And Circadian Phase In Older People	Brigham And Women's Hospital	\$2,856
M01RR002719-17	Earley, Christopher	Dopaminergic Function In Restless Legs Syndrome	Johns Hopkins University	\$77,098
M01RR002719-17	Earley, Christopher	Determining The Genetics Of The Restless Legs Syndrome	Johns Hopkins University	\$23,820
M01RR000051-41	Eckel, Robert H	Effects Of Maintained Weight Loss In Severely-Obese Humans On Sleep Dynamics	University Of Colorado Hlth Sciences Ctr	\$35,041
M01RR001066-25	Elman, Igor	Nefazodone In The Early Remission Of Alcohol Dependence	Massachusetts General Hospital	\$5,406
M01RR002635-18	Fogel, Robert	Effect Of CPAP On Upper Airway Activity In Older Vs. Younger Men At Sleep Onset	Brigham And Women's Hospital	\$20,150
P51RR000169-41	Fuller, Charles A	Primate Circadian Rhythms In The Martian Environment	University Of California Davis	\$43,154
M01RR000585-31	Gay, Peter C	Treatment Of Patients With Sleep-Disordered Breathing: A Randomized Comparativ	Mayo Clinic Rochester	\$1,496
M01RR000052-41	Geraghty, Michael Thomas	Achondroplasia: Risk Factors For Morbidity And Mortality	Johns Hopkins University	\$86
M01RR000827-28	Gillin, J Christia	Effect Of A Tryptophan-Free Amino Acid Drink On Mood And Sleep	University Of California San Diego	\$2,976
M01RR000827-28	Gillin, J Christia	Sleep Regulation In Depression: Effect Of Selective REM Sleep Suppression	University Of California San Diego	\$851
M01RR000827-28	Gillin, J Christia	Sleep Physiology In Normal, Neuropsychiatric And Medical Patients	University Of California San Diego	\$5,102
M01RR000042-42	Gilman, Sid	Neurochemical And Sleep Disorders In Multiple System Atrophy	University Of Michigan At Ann Arbor	\$9,109
M01RR010732-08	Gordin, Vitaly	Melatonin Reversal Of Opioid-Induced Sleep Disturbance	Pennsylvania State Univ Hershey Med Ctr	\$19,094
M01RR000533-34	Gottlieb, Daniel J	Neurobehavioral Consequences Of Sleep Apnea In Children	Boston University	\$157,783
P20RR015576-03	Gozal, Evelyne	Cobre: Ul: Signaling Pathways In Neuronal Susceptibility To Hypoxia	University Of Louisville	\$232,381
M01RR002635-18	Grady, Scott	Hypoglycemic Counterregulation In Narcolepsy	Brigham And Women's Hospital	\$476
K23RR016068-03	Gurubhagavatula, Indira	Compare Screening Tools For Obstructive Sleep Apnea In Hypertension Pts	University Of Pennsylvania	\$129,347
M01RR000040-42	Gurubhagavatula, Indira	Study Of Effects Of CPAP On Hypertension	University Of Pennsylvania	\$8,746
M01RR000056-41	Hall, Martica	Sleep As A Mediator Of The Stress-Health Relationship	University Of Pittsburgh At Pittsburgh	\$56,517

Grant No	PI	Title	Institution	Funding
M01RR000750-30	Hall, Stephen	The Effect Of St.John's Wort On The Efficacy Of Oral Contraception	Indiana Univ-Purdue Univ At Indianapolis	\$111,328
M01RR000052-41	Harris, James C	Correlation Of Regional Cerebral Blood Flow With REM Sleep Eye Movement Counts:	Johns Hopkins University	\$86
M01RR000052-41	Harris, James C	Correlation Of Regional Cerebral Blood Flow With REM Sleep Eye Movement ...	Johns Hopkins University	\$37
M01RR000645-31	Hart, Carl	Drug Abuse, Cognition, And Sleep	Columbia University Health Sciences	\$38,100
U54NS039407-04	Haxhiu, Musa	Central Determinants Of Airway Instability During Sleep	Howard University	\$137,710
M01RR001032-27	Herzog, Andrew G	Hormone Replacement In Menopausal Women With Epilepsy	Beth Israel Deaconess Medical Center	\$9,429
M01RR000048-41	Hill, Pamela D	Milk Availability And Lactation Status In Mothers Of Preterm And Term Infants	Northwestern University	\$22,914
M01RR013987-03	Hill, Pamela D	Milk Availability And Lactation Status In Mothers Of Preterm & Term Infants	University Of Illinois At Chicago	\$10,951
P41RR013622-04	Hilton, Michael F	Sleep Apnea & Reduced Waking Cardiac Vagal Tone	Beth Israel Deaconess Medical Center	\$12,165
M01RR016500-01	Hochberg, Marc C	Study Of Osteoporotic Fractures	University Of Maryland Balt Prof School	\$71,896
M01RR002635-18	Hollenberg, Norman	Ventilatory Stability In Normals And Sleep Apneics	Brigham And Women's Hospital	\$10,154
M01RR002635-18	Hollenberg, Norman	New Treatment For Cheyne-Stokes Respiration	Brigham And Women's Hospital	\$952
M01RR002635-18	Hollenberg, Norman	Effect Of Pressure & Flow On Pharyngeal Muscle Function.	Brigham And Women's Hospital	\$2,062
P41RR013622-04	Hoshiyama, Masaki	Dynamics Of Rapid Eye Movements During Sleep	Beth Israel Deaconess Medical Center	\$18,247
M01RR000064-38	Hunt, Steven	Mortality And Morbidity Related To Gastric Bypass Surgery	University Of Utah	\$277,860
M01RR000827-28	Irwin, Michael R	EEG Sleep And Immunity In Neuropsychiatric Patients	University Of California San Diego	\$8,929
P41RR013622-04	Ivanov, Plamen Ch	Cardiac Dynamics During Sleep & Exercise	Beth Israel Deaconess Medical Center	\$24,330
P41RR005959-13	Johnson, G Allan	Presentations By G Allan Johnson, PhD	Duke University	\$6,768
M01RR000334-36	Johnson, Kyle	Identification Of Free-Running Rhythms In Totally Blind Children	Oregon Health & Science University	\$32,093
M01RR0006022-13	Kass, Lewis	Respiratory Disorders Of Sleep In Children	Yale University	\$206,526
M01RR000056-41	Keshavan, Matcheri	Effect Of Olanzapine On Delta Sleep Deficits In Schizophrenia	University Of Pittsburgh At Pittsburgh	\$11,774
M01RR000056-41	Keshavan, Matcheri	EEG Sleep, Cortical Abnormalities & Neurodevelopment In Psychosis	University Of Pittsburgh At Pittsburgh	\$34,145
M01RR002635-18	Khalsa, Sat Bir	Clinical Trial Of The Effect Of Bright Light In Men vs. Women	Brigham And Women's Hospital	\$59,023
M01RR000043-42	Khoo, Michael	Cardiorespiratory Transfer In Obstructive Sleep Apnea	University Of Southern California	\$94,332
P41RR001861-18	Khoo, Michael C	Dynamic Modeling Of State Cardiorespiratory Interactions	University Of Southern California	\$152,430
M01RR002635-18	Klerman, Elizabeth	Phototherapy Treatment Of Shift Rotation Insomnia	Brigham And Women's Hospital	\$35,858
M01RR002635-18	Klerman, Elizabeth	Clinical Trial Of Light Pulses On Circadian Entrainment	Brigham And Women's Hospital	\$172,467
M01RR002635-18	Klerman, Elizabeth	Homeostatic Sleep Regulation In Older People	Brigham And Women's Hospital	\$77,745
M01RR000833-28	Kline, Lawrence E	Nasal Inflammation In Obstructive Sleep Apnea Treated With Nasal CPAP	Scripps Research Institute	\$6,315
G12RR017581-01	Koban, Michael	Act 3: Sleep Deprivation Stress & Energy Metabolism	Morgan State University	\$156,957
M01RR0006192-09	Kranzler, Henry	Nefazodone	University Of Connecticut Sch Of Med/Dnt	\$15,180
M01RR000046-42	Labyak, Susan E	Sleep Patterns In Children With Juvenile Rheumatoid Arthritis	University Of North Carolina Chapel Hill	\$2,802
M01RR000334-36	Lafranchi, Stephen H	Effects Of Growth Hormone Treatment In Prader-Willi Patients	Oregon Health & Science University	\$66,655

Grant No	PI	Title	Institution	Funding
M01RR000069-40	Lane, Peter A	Sickle Cell Disease And Obstructive Sleep Apnea	University Of Colorado Hlth Sciences Ctr	\$14,885
M01RR010732-08	Leuenberger, Urs A	Alteration Of Sympathetic Act & Bp By CPAP In Sleep Apnea Patients	Pennsylvania State Univ Hershey Med Ctr	\$460
M01RR010732-08	Leuenberger, Urs A	Effects Of Posture On Maximal Peripheral Vasodilator Capacity	Pennsylvania State Univ Hershey Med Ctr	\$1,841
M01RR000056-41	Lewin, Daniel	The Neurocognitive Sequelae Of Obstructive Sleep Apnea In Children	University Of Pittsburgh At Pittsburgh	\$2,355
M01RR000334-36	Lewy, Alfred J	Melatonin For Circadian Sleep Disorders In The Blind	Oregon Health & Science University	\$288,839
C06RR017323-01	Linzer, Daniel I	Biol Res Facil: Sleep	Northwestern University	\$500,000
P41RR013622-04	Lo, Chung-Chuan	Dynamics Of Sleep Wake Transitions During Sleep	Beth Israel Deaconess Medical Center	\$24,330
M01RR000188-38	Lupski, James L	Clinical Correlations Of Contiguous Gene Syndromes	Baylor College Of Medicine	\$5,053
P51RR000168-41	Madras, Bertha K	The Development Of Novel Anti-Hyperactivity Medications	Harvard University (Medical School)	\$16,510
P51RR000168-41	Madras, Bertha K	Dopamine Transport Inhibitors Alleviate Some Parkinsonian Motor Deficits	Harvard University (Medical School)	\$16,510
M01RR000042-42	Malow, Beth A	Sleep Disorders Associated With Epilepsy	University Of Michigan At Ann Arbor	\$37,956
M01RR006192-09	Mansoor, George	Circadian Blood Pressure Profile	University Of Connecticut Sch Of Med/Dnt	\$36,630
K23RR015545-03	Mansoor, George A	Circadian Blood Pressure Profile: Sleep Quality & Hypertensive Organ Damage	University Of Connecticut Sch Of Med/Dnt	\$127,658
M01RR000052-41	Marcus, Carole L	Effects Of Noninvasive Positive Pressure Ventilation (Nippv) ...	Johns Hopkins University	\$12
M01RR000052-41	Marcus, Carole L	Arousal Threshold To Auditory Stimulation In Children With Osa	Johns Hopkins University	\$86
M01RR000052-41	Marcus, Carole L	Upper Airway Collapsibility	Johns Hopkins University	\$172
M01RR000052-41	Marcus, Carole L	Developmental Determinants Of Upper Airway Collapsibility	Johns Hopkins University	\$444
M01RR000052-41	Marcus, Carole L	Sleep Disordered Breathing In Children With Marfan's Syndrome	Johns Hopkins University	\$37
M01RR000052-41	Marcus, Carole L	Non-Invasive Measures Of Flow Limitation In Children With Sleep-Disordered...	Johns Hopkins University	\$74
K23RR016566-01	Mason, Thornton B li	Periodic Limb Movements In Williams Syndrome	Children's Hospital Of Philadelphia	\$131,652
M01RR001032-27	Matheson, Jean	The Influence Of Sleep On The Activation Of Complement In Normal Subjects.	Beth Israel Deaconess Medical Center	\$4,716
P41RR013622-04	Mietus, Joseph E	New Techniques For Heart Rate Variability Analysis	Beth Israel Deaconess Medical Center	\$42,577
P41RR013622-04	Mietus, Joseph E	Detection Of Sleep Apnea From Cardiac Interbeat Interval Time Series	Beth Israel Deaconess Medical Center	\$36,495
M01RR000997-27	Mitchell, Ron	Role Of Allergy Treatment In The Management Of Children With Sleep Apnea	University Of New Mexico Albuquerque	\$4,597
M01RR000037-42	Moe, Karen	Sleep In Older Women: Effects Of Estrogen	University Of Washington	\$310,415
M01RR000056-41	Monk, Timothy	Sleeping Short: Helping Medium Sleepers Sleep Short Successfully	University Of Pittsburgh At Pittsburgh	\$89,485
M01RR000056-41	Monk, Timothy	Performance & Sleep Consequences Of Repeated Phase Shifts Within Appendix K	University Of Pittsburgh At Pittsburgh	\$2,355
G12RR008124-10	Moss, Donald	Neurological & Metabolic Disorders: Stroke, REM Sleep, Obesity & Type Ii Diab	University Of Texas El Paso	\$159,222
M01RR001032-27	Mullington, Janet M	The Effects Of Cumulative Sleep Deficit In Human Host Response	Beth Israel Deaconess Medical Center	\$242,230
M01RR000047-42	Murphy, Patricia J.	Sex Hormones, Sleep And Circadian Rhythmicity In Aging	Weill Medical College Of Cornell Univ	\$5,930
M01RR000079-39	Neylan, Thomas C	Sleep PTSD	University Of California San Francisco	\$51,007
M01RR000056-41	Nofzinger, Eric	Effects Of Aging On Sleep: A Functional Neuroanatomic Perspective	University Of Pittsburgh At Pittsburgh	\$16,484
M01RR000334-36	Nutt, John G	Diurnal Patterns Of Motor Performance In Parkinson's Disease	Oregon Health & Science University	\$5,555

Grant No	PI	Title	Institution	Funding
M01RR000080-40	Olson, Jane	Mapping Of Genes For Fibromyalgia Syndrome	Case Western Reserve University	\$1,954
P41RR003655-17	Olson, Jane M	Mapping Genes For Fibromyalgia Syndrome	Case Western Reserve University	\$3
M01RR000040-42	Pack, Allan I.	Autoset Cs Vs. Oxygen For The Treatment Of Cheyne-Stokes Respiration	University Of Pennsylvania	\$3,386
M01RR000040-42	Pack, Allan I.	Case-Control Study Of Insomnia In Non-Depressed Elderly	University Of Pennsylvania	\$55,298
M01RR000040-42	Pack, Allan I.	Treatment For Sleep Apnea In The Elderly	University Of Pennsylvania	\$37,242
M01RR000827-28	Parry, Barbara L	Chronobiology Of Postpartum Depression	University Of California San Diego	\$22,535
M01RR000827-28	Parry, Barbara L	Estradiol And Progesterone Circadian Rhythms In Postmenopause	University Of California San Diego	\$37,415
U54NS039407-04	Pete, G	Neurochemical Organization Of Central Chemosensory Neurons: Respiration	Howard University	\$137,709
M01RR000059-41	Phillips, Bradley G.	At-1 Receptor Blockade In Hypertensives With Obstructive Sleep Apnea	University Of Iowa	\$5,513
M01RR000059-41	Phillips, Bradley G.	Sleep Deprivation And Sympathetic Nerve Responses	University Of Iowa	\$38,223
M01RR000059-41	Phillips, Bradley G.	Hemodynamic And Sympathetic Nerve Responses To Insulin	University Of Iowa	\$367
M01RR000071-39	Pickering, Thomas	Psychosocial Factors And Cardiovascular Disease, (Program Project) Project #1	Mount Sinai School Of Medicine Of Nyu	\$4,548
M01RR000071-39	Pickering, Thomas	Sleep Heart Health Study	Mount Sinai School Of Medicine Of Nyu	\$505
M01RR000047-42	Pickering, Thomas G.	Race SES And Diurnal Blood Pressure Rhythms	Weill Medical College Of Cornell Univ	\$5,272
M01RR000833-28	Poceta, J Steven	Sleep And Alertness In Parkinson's And RLS	Scripps Research Institute	\$32,145
M01RR002172-20	Pomeroy, Scott	Hypothalamic Physiology In Children With Craniopharyngioma	Children's Hospital (Boston)	\$22,275
M01RR000827-28	Potkin, Steven G.	Pet Of The Brain In Narcolepsy: Comparison Of Sporadic And Familial Forms	University Of California San Diego	\$1,700
M01RR006192-09	Prestwood, Karen	Healthmat	University Of Connecticut Sch Of Med/Dnt	\$24,421
M01RR003186-17	Pridham, Karen F	Patterns Of Energy Expenditure In Premature Infants	University Of Wisconsin Madison	\$11,585
M01RR000064-38	Ptacek, Louis J	Genetic Linkage In Degenerative Neurologic Disease	University Of Utah	\$1,094
M01RR000997-27	Rabinowitz, Ian	Physiological Biomarkers Of Cancer-Treatment Related Fatigue	University Of New Mexico Albuquerque	\$77,807
M01RR000865-29	Rao, Uma	Pathways To Juvenile Depression: Biopsychosocial Models	University Of California Los Angeles	\$2,412
M01RR000096-41	Rapoport, David	Central V Obstructive Respiratory Events W/ A Nasal Cannula/Transducer In ICU	New York University School Of Medicine	\$7,059
P41RR003655-17	Redline, Susan	Genetic Analyses Of Obstructive Sleep Apnea	Case Western Reserve University	\$8,439
M01RR000080-40	Redline, Susan S.	Familial Aggregation Of Sleep Apnea (Ii)	Case Western Reserve University	\$84,407
M01RR000080-40	Redline, Susan S.	Epidemiology Of Sleep Disordered Breathing In Children	Case Western Reserve University	\$81,280
M01RR000056-41	Reynolds Iii, Charles	Paroxetine In The Treatment Of Chronic Primary Insomnia	University Of Pittsburgh At Pittsburgh	\$10,597
M01RR000056-41	Reynolds Iii, Charles	Geriatric Depression: Neurobiology Of Treatment	University Of Pittsburgh At Pittsburgh	\$68,291
M01RR014288-04	Richards, Kathleen C	Effect Of Social Activity And Exercise On Sleep In Cognitively Impaired Elders	University Of Arkansas Med Scis Ltl Rock	\$37,251
M01RR014288-04	Richards, Kathleen C	Effects Of Activity On Sleep	University Of Arkansas Med Scis Ltl Rock	\$1,960
M01RR000095-42	Richards, William	The Effect Of Fundoplication On Sleep Architecture And Nocturnal Gastro	Vanderbilt University	\$23,799
M01RR000095-42	Robertson, Rose Marie	Central Sympathetic Dysfunction In Orthostatic Intolerance	Vanderbilt University	\$5,950
M01RR000334-36	Sack, Robert L	Minimal Effective Melatonin Dose For Circadian Entrainment In Blind People	Oregon Health & Science University	\$27,773

Grant No	PI	Title	Institution	Funding
P51RR000166-41	Sackett, Gene P	Sleep And Abnormal Behavior	University Of Washington	\$114,182
M01RR000056-41	Sanders, Mark	Functional Outcomes Of CPAP Compared With Placebo For OSA	University Of Pittsburgh At Pittsburgh	\$392
P51RR000166-41	Sandman, Curt	Pomc Particle Composition In Nonhuman Primates	University Of Washington	\$114,182
M01RR000080-40	Scher, Mark	Sleep And Outcome In High Risk Infants	Case Western Reserve University	\$49,628
M01RR002635-18	Shea, Steven	Circadian And Sleep/Wake Aspects Of Nocturnal Asthma	Brigham And Women's Hospital	\$52,993
M01RR000188-38	Shearer, William T	Nocturnal Asthma, Chronobiology And Sleep	Baylor College Of Medicine	\$27,070
M01RR000334-36	Singer, Clifford M	Melatonin For Sleep Disorders In Parkinson's Disease	Oregon Health & Science University	\$26,538
M01RR010732-08	Sinoway, Lawrence I	Effects Of Handgrip Ex & Hypoxia On Norepi In Muscle & Fat	Pennsylvania State Univ Hershey Med Ctr	\$920
M01RR003186-17	Skatrud, James B	Chemical Influences On Breathing Instability During Sleep	University Of Wisconsin Madison	\$1,524
M01RR003186-17	Skatrud, James B	Losartan And Daytime Blood Pressure Following Nocturnal Hypoxemia	University Of Wisconsin Madison	\$1,524
M01RR000044-41	Smith, Michael	EEG And Spect Measures Of CNS Activity In Chronic Insomnia	University Of Rochester	\$3,681
M01RR002719-17	Smith, Philip	Neurohumoral Effects Of Weight Loss In Sleep Apnea	Johns Hopkins University	\$626
M01RR002719-17	Smith, Philip	Neural Control Of Upper Airway Collapsibility	Johns Hopkins University	\$41,370
M01RR002719-17	Smith, Philip	Baseline Characterization Of Sleep Disordered Breathing	Johns Hopkins University	\$28,207
M01RR000585-31	Somers, Virend	Genetic Background Of Cardiovascular And Sleep Disorders In Humans	Mayo Clinic Rochester	\$56,835
M01RR000585-31	Somers, Virend	Cardiovascular Disease Mechanisms In Sleep Apnea	Mayo Clinic Rochester	\$33,403
M01RR000585-31	Somers, Virend	Spectral Oscillations In Neural Circulatory Control In Humans	Mayo Clinic Rochester	\$18,447
M01RR000847-29	Suratt, Paul M	Sleep Apnea In Children	University Of Virginia Charlottesville	\$87,772
M01RR000040-42	Teff, Karen	Effect Of Sleep Deprivation On Insulin Sensitivity: A Pilot Study	University Of Pennsylvania	\$282
M01RR001032-27	Thomas, Robert	Modafinil On Working Memory And Visual Perception Following Sleep Deprivation	Beth Israel Deaconess Medical Center	\$21,217
M01RR000847-29	Thorner, Michael O	Mot089 Mk-677 In Older Men And Women	University Of Virginia Charlottesville	\$728,450
M01RR000055-41	Van Cauter, Eve	Sleep And Testosterone Decline In Older Men	University Of Chicago	\$31,268
M01RR000055-41	Van Cauter, Eve	Paying The Sleep Debt To Improve Glucose Tolerance	University Of Chicago	\$80,695
M01RR000055-41	Van Cauter, Eve	Sleep And Glucose Regulation	University Of Chicago	\$289,489
M01RR000055-41	Van Cauter, Eve	Sleep-Wake Regulation In Gh Deficiency	University Of Chicago	\$83,721
M01RR000040-42	Van Dongen, Hans	Predicting Vulnerability To Performance Impairment From Sleep Loss	University Of Pennsylvania	\$115,110
M01RR010732-08	Vgontzas, Alexandros N	Il-6 Secretion And Quantity And Quality Of Sleep: Age And Gender Effects	Pennsylvania State Univ Hershey Med Ctr	\$460
M01RR010732-08	Vgontzas, Alexandros N	Effects Of Partial Sleep Deprivation On Sleepiness And Cytokine Secretions	Pennsylvania State Univ Hershey Med Ctr	\$10,582
M01RR000037-42	Vitiello, Michael	Growth Factors, Sleep And Cognition Ii	University Of Washington	\$184,332
P20RR015576-03	Wang, Guang Jian	Cobre: Ul: Cellular Mechanisms Of Neuronal Vulnerability To Intermittent Hypoxia	University Of Louisville	\$62,406
M01RR002635-18	White, David P	Lung Volumes And Sleep	Brigham And Women's Hospital	\$7,774
M01RR002635-18	White, David P	Influence Of Sleep Gender Related Hormones On The Control Of Pharyngeal	Brigham And Women's Hospital	\$10,154
M01RR002635-18	White, David P	Upper Airway Muscles And Sleep: Responses To Loading	Brigham And Women's Hospital	\$4,284

Grant No	PI	Title	Institution	Funding
M01RR002635-18	White, David P	Obesity, Weight Loss And Sleep Effect On Pharyngeal Airway Anatomy And Function.	Brigham And Women's Hospital	\$1,904
M01RR002635-18	White, David P	Lung Volume Changes And Obstructive Sleep Apnea	Brigham And Women's Hospital	\$9,361
M01RR002635-18	Wright, Kenneth P	Clinical Trial Of The Effect Of Modafinil On Wakefulness And Sleep	Brigham And Women's Hospital	\$109,002
M01RR000827-28	Wu, Joseph C.	Antidepressant Effects Of Sleep Deprivation And Sertraline In Depressed Patients	University Of California San Diego	\$851
M01RR000070-40	Yesavage, Jerome A	Treatments For Insomnia.	Stanford University	\$50,878
M01RR003186-17	Young, Terry B	Epidemiology Of Sleep-Disordered Breathing	University Of Wisconsin Madison	\$598,193
M01RR000048-41	Zee, Phyllis C	Manipulations Of External Zeitgebers In The Elderly	Northwestern University	\$55,954
M01RR000048-41	Zee, Phyllis C	Sleep/Wake Rhythms In Aging: Responsiveness Of The Clock To Light	Northwestern University	\$47,428
NCRR TOTAL				\$11,490,286

NATIONAL CENTER FOR COMPLEMENTARY AND ALTERNATIVE MEDICINE

Grant No	PI	Title	Institution	Funding
R01AT000611-03	Bliwise, Donald	Polysomnographic Assessment Of Alternative Treatment	Emory University	\$167,837
R21AT000337-02	Garcia-Rill, Edgar	The Use Of Electroacupuncture To Modulate Arousal	University Of Arkansas Med Scis Ltl Rock	\$182,500
K01AT000066-03	Khalsa, Sat	Yoga As A Treatment For Insomnia	Brigham And Women's Hospital	\$133,920
R21AT000266-02	Khalsa, Sat	R21 Project: Yoga As A Treatment For Insomnia	Brigham And Women's Hospital	\$157,344
R21AT000511-02	Markowitz, John	Screening Herbs For Drug Interactions	Medical University Of South Carolina	\$35,320
R01AT000212-02	Sloane, Philip	High Intensity Light Therapy In Alzheimer's Disease	University Of North Carolina Chapel Hill	\$223,021
NCCAM TOTAL				\$899,942

NIH FY 2002 TOTAL \$175,022,893